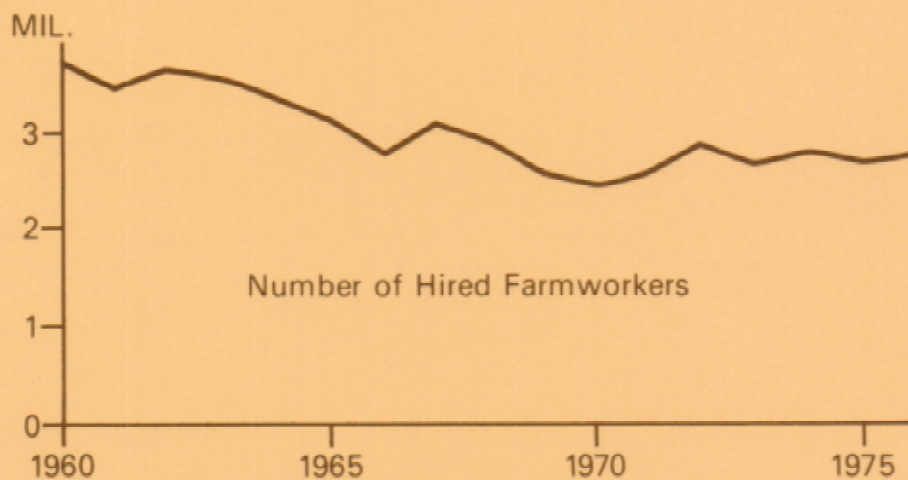


The Hired Farm Working Force of 1976

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ABSTRACT

The 1976 Hired Farm Working Force Survey, conducted by the Bureau of the Census in December 1976, and reported and analysed in this report, indicates that 2.8 million persons 14 years of age and over did hired farmwork sometime during the year. The workers were predominately young (60 percent under 25 years) and male (75 percent). The majority (75 percent) were White, 11 percent were Hispanic, and 14 percent were Blacks and Others. The median education of workers 25 years and older was 10.1 years. Annual earnings in 1976 of all hired farmworkers averaged \$2,860; \$1,651 was earned for an average 86 days of hired farmwork; the remainder came from nonfarm employment. Approximately 213,000 persons (8 percent of the work force) were migrants in 1976.

Key words: Hired labor, agricultural labor, migrants, age, sex, wages, employment, education, Census, Standard Federal Regions.

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HIGHLIGHTS

The 1976 Hired Farm Working Force Survey indicates that 2.8 million persons 14 years of age and over did hired farmwork sometime during the year. The workers were predominately young (60 percent under 25 years of age) and male (75 percent). The majority (75 percent) was White, 11 percent were Hispanic, and 14 percent were Blacks and Others. The median education of workers 25 years and older was 10.1 years.

Annual earnings in 1976 of all hired farmworkers averaged \$2,860. Of this \$1,651 was earned for an average 86 days of hired farmwork. The remainder came from nonfarm employment.

Approximately 213,000 persons (8 percent of the work force) were migrants in 1976. About 63 percent traveled 200 miles or more and 23 percent traveled 1,500 miles or more away from home. The ~~short~~^{long} distance migrants tended to be Hispanic and Black and Other workers. Annual earnings from farm employment of migrant workers averaged \$1,807, for an average 82 days of farmwork.

Nearly a fourth of the Nation's hired farmworkers were located in Standard Federal Region (SFR) IV (the southeast) at the time of the survey in December 1976. Among the workers that were migrants, over three-fifths were located in the southeast and southwestern regions (SFRs IV, VI, and IX).

This was the second year the annual farmworker survey included racial/ethnic delineations for Whites, Hispanics, and Blacks and Others. It was the first year for inclusion of data on the ten SFRs, educational attainment, and longest distance traveled by migrant farmworkers.

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THE HIRED FARM WORKING FORCE OF 1976

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INTRODUCTION

The 1976 Hired Farm Working Force survey shows that about 2.8 million persons 14 years of age and over did hired farmwork at some time during the year. The number of hired farmworkers has not changed significantly since 1971, when the hired farm working force numbered over 2.6 million persons. Since that time, annual employment of hired farmworkers appears to have stabilized after the long term downward trend of previous years (table 1).

This report presents data on the demographic, social, and economic characteristics of persons 14 years of age and over who did farmwork for cash wages or salary during 1976. The narrative highlights many of these characteristics and summarizes some of the more pertinent changes and trends in the size, composition, and employment patterns of hired farmworkers. Detailed information is presented in appendix A.

Data in this report are from the annual Hired Farm Working Force Survey conducted for the Economics, Statistics, and Cooperatives Service by the Bureau of the Census as a supplementary part of the December 1976 Current Population Survey (CPS). This sample of households includes each State and the District of Columbia, although it does not include Puerto Rico or other U.S. territories and possessions. Approximately 54,000 households were interviewed in December; about 1,740 contained persons who did hired farmwork at some time during 1976. Hired farmworker information obtained from these sample households was expanded to

provide estimates of the total population of hired farmworkers.

The CPS is a probability sample survey and standard errors can be derived for each of the estimates. All statements of comparison appearing in the text, but not necessarily in the tables or figures, are significant at the 90 percent confidence level (1.6 standard errors) or higher unless otherwise indicated. Additional information on the survey coverage and reliability of estimates is presented in appendix B.

In 1976, the sample size of the CPS was increased from 47,000 to 54,000 interviewed households. One result of the increase in sample size is a decrease in the relative size of the standard errors of the estimates. This serves to strengthen the degree of confidence that can be placed in the accuracy of these estimates. In addition, the larger sample size permits the derivation of estimates for smaller geographical areas than was possible in previous years. Thus, for the first time, data are presented in this report on the number and characteristics of hired farmworkers by the ten Standard Federal Regions (SFR), as well as the four Census Regions.

The tabular part of the Hired Farm Working Force of 1976 contained in appendix A has been expanded and reorganized to provide additional data on the Nation's hired farmworkers. While there have been some changes in terminology, the concepts and definitions underlying these terms remain consistent with previous reports.

Table 1--Number of hired farmworkers, by duration of farmwork, 1945-76 1/

Year	Total	Duration of hired farmwork during the year				
		Less than	25-74	75-149	150-249	250 days
		25 days	days	days	days	or more
<u>Thousands</u>						
1945.....	3,212	1,247	825	339	262	539
1946.....	2,770	817	749	340	312	552
1947.....	3,394	1,179	771	411	418	615
1948.....	3,752	1,250	904	597	381	620
1949.....	4,140	1,630	1,017	526	396	571
1950.....	4,342	2/	2/	2/	2/	2/
1951.....	3,274	1,118	925	379	301	551
1952.....	2,980	1,008	928	324	296	424
1954.....	3,009	1,101	756	318	364	470
1956.....	3,575	1,497	920	410	305	443
1957.....	3,962	1,762	1,044	501	256	399
1958.....	4,212	1,893	2/	2/	2/	2/
1959.....	3,577	1,412	863	502	348	452
1960.....	3,693	1,531	868	465	390	438
1961.....	3,488	1,600	849	354	281	404
1962.....	3,622	1,555	933	408	284	442
1963.....	3,597	1,735	771	392	309	390
1964.....	3,370	1,369	924	413	326	338
1965.....	3,128	1,264	807	397	282	379
1966.....	2,763	1,130	717	339	211	367
1967.....	3,078	1,338	738	327	277	397
1968.....	2,919	1,299	731	308	256	324
1969.....	2,571	1,106	718	258	189	301
1970.....	2,488	1,093	623	293	172	306
1971.....	2,550	1,191	648	213	213	285
1972.....	2,809	1,130	663	361	288	367
1973.....	2,671	1,085	567	351	247	421
1974.....	2,737	1,169	619	308	274	367
1975.....	2,638	1,180	556	319	228	355
1976.....	2,767	1,145	652	347	290	333

Numbers of workers for 1959 and succeeding years are rounded to the nearest thousand without being adjusted to group totals.

1/ No survey conducted in 1953 and 1955.

2/ Data not available.

Explanations of terms used in this report are given in appendix C.

The statistical tables in appendix A are organized as follows: Tables A-1 through A-5 present a general overview of the social, economic, and employment characteristics of hired farmworkers by sex, racial/ethnic group, and duration of farmwork.

Tables A-6 through A-11 contain earnings data by selected demographic, employment, and regional characteristics. Within these tables, data are provided separately for all workers, workers employed solely in hired farmwork during the year, and workers who did hired nonfarm work in addition to their farmwork. Tables A-12 through

A-15 contain information on daily and annual earnings from total, farm, and nonfarm employment sources.

Finally, table A-16 presents selected data on migrant farmworkers by distance traveled to do farmwork.

CHARACTERISTICS OF THE 1976 HIRED FARM WORKING FORCE

Composition and Residence

As in previous years, hired farmworkers were predominately young, white, and male. The majority lived off the farm and more resided in the South than in any other region of the United States. Only two of every five hired farmworkers were heads of households; most were spouses and other family members. More specific findings on the composition and residence of the 1976 hired farm working force are:

- 60 percent of hired farmworkers were under 25 years of age; half of these were 14-17 years old.
- The median age of all hired farmworkers in 1976 was 23 years.
- 74 percent were White.
- The majority (74 percent) of farmworkers were male.
- 81 percent of the farmworkers lived off the farm at the time of the survey.

- The largest proportion (42 percent) resided in the South. 1/
- 39 percent of all farmworkers were heads of households; the remainder were spouses and other family members.

Education

Hired farmworkers have lower educational levels than most other occupational groups. In 1976, hired farmworkers 25 years and older had a median education of 10.1 years (table 2) compared to a median education of 12.4 years for all people 25 years and over. Educational attainment was even lower for some racial/ethnic groups of farmworkers. Hispanic farmworkers 25 years of age and over had completed only 5.4 years of schooling. Blacks and Others had only a slightly higher level with 7.9 median years of schooling. In comparison, White farmworkers

1/See page 11 for more detailed regional analysis.

Table 2--Schooling completed by hired farmworkers 25 years of age and over, by racial/ethnic groups 1976, 1/

Item	Unit	Whites	Hispanics	Blacks and Others	Total
Schooling completed:					
0-4 years.....	Percent	6	46	22	16
5-8 years.....	Percent	25	36	40	29
9-11 years.....	Percent	15	9	19	15
12 years.....	Percent	32	6	17	25
13 years and over:	Percent	22	3	2	15
Total <u>2/</u>	Percent	100	100	100	100
Median.....	Years	12.1	5.4	7.9	10.1
Number of workers.	Thou.	723	176	231	1,130

1/ See footnote 2, page 4 for definitions of racial/ethnic categories.
2/ Percentages may not add to 100 due to rounding.

had a median education of 12.1 years. In 1976, only 9 percent of the Hispanic and 19 percent of the Black and Other farmworkers 25 years and over had completed high school, compared with 54 percent of the White farmworkers. ^{2/}

Employment Characteristics

A large part of the hired farm working force consists of persons whose principal activity during the year is something other than hired farmwork. Many are students and housewives who do farmwork on a casual basis and earn relatively small amounts. In fact, many farmworkers work for only a few weeks or a month during times of peak labor demand, such as harvest periods. For example:

- 41 percent of all hired farmworkers worked on farms for less than 25 days (casual workers); while 37 percent worked between 25 and 149 days (seasonal workers); 10 percent worked between 150 and 249 days (regular workers); and 12 percent worked 250 days or more during the year (year-round workers). (The proportions of regular and year-round workers did not differ significantly.)
- 54 percent were not in the labor force most of the year, but instead kept house or attended school. The majority were students.
- Hired farmwork was the principal employment of only 24 percent of the farmworkers in 1976; 17 percent did nonfarm work for most of the year.

^{2/}Hispanic refers to all those who identified themselves as Mexican American, Chicano, Mexican, Mexicano, Puerto Rican, Cuban, Central or South American, or other Hispanic. White refers to White persons other than those of Hispanic origin. Black and Other includes Blacks, Indians, Chinese, Japanese, and others not of Hispanic origin. For simplicity of presentation, these mutually exclusive groups are termed Hispanic, White, and Black and Other. For more detail see Appendix C.

- 57 percent of all farmworkers were employed solely in hired farmwork during the year; the remainder also did some nonfarm work.

Man-Days of Farmwork

In 1976, hired farmworkers performed a total of 237 million man-days of farmwork ^{3/} (fig. 1). Regular and year-round workers accounted for 68 percent of the man-days of work, but comprised only 22 percent of the hired farm work force. In comparison, seasonal workers did 27 percent of the man-days of farmwork and accounted for 37 percent of the work force. Although casual workers accounted for 41 percent of all farmworkers, they accounted for only 5 percent of the man-days completed.

About 63 percent of the man-days of farmwork were performed by persons who cited hired farmwork as their year's principal employment activity. Students did about 21 percent of the farmwork and persons citing nonfarm work as their major activity contributed only 7 percent of all man-days of farmwork.

Farmworkers 18 to 24 years of age accounted for the largest proportion of man-days completed (31 percent) by any age group. Persons 14-17 years contributed 15 percent of the man-days of farmwork, and older workers 65 years and over accounted for only 4 percent.

Average Earnings from Farmwork and Days Worked

During 1976, hired farmworkers averaged \$1,652 in annual farm earnings ^{4/} or an average \$19.25 per day for 86 days of farmwork (table 3). Over half were employed solely in hired farmwork during the year and had no other source of earnings; they averaged \$2,197 for 112 days of farmwork. About 43 percent of the hired farm work force also

^{3/}A person completing at least 1 hour of farmwork during the day is credited with a man-day of work.

^{4/}All dollar earnings reported exclude the value of perquisites or fringe benefits furnished by employers.

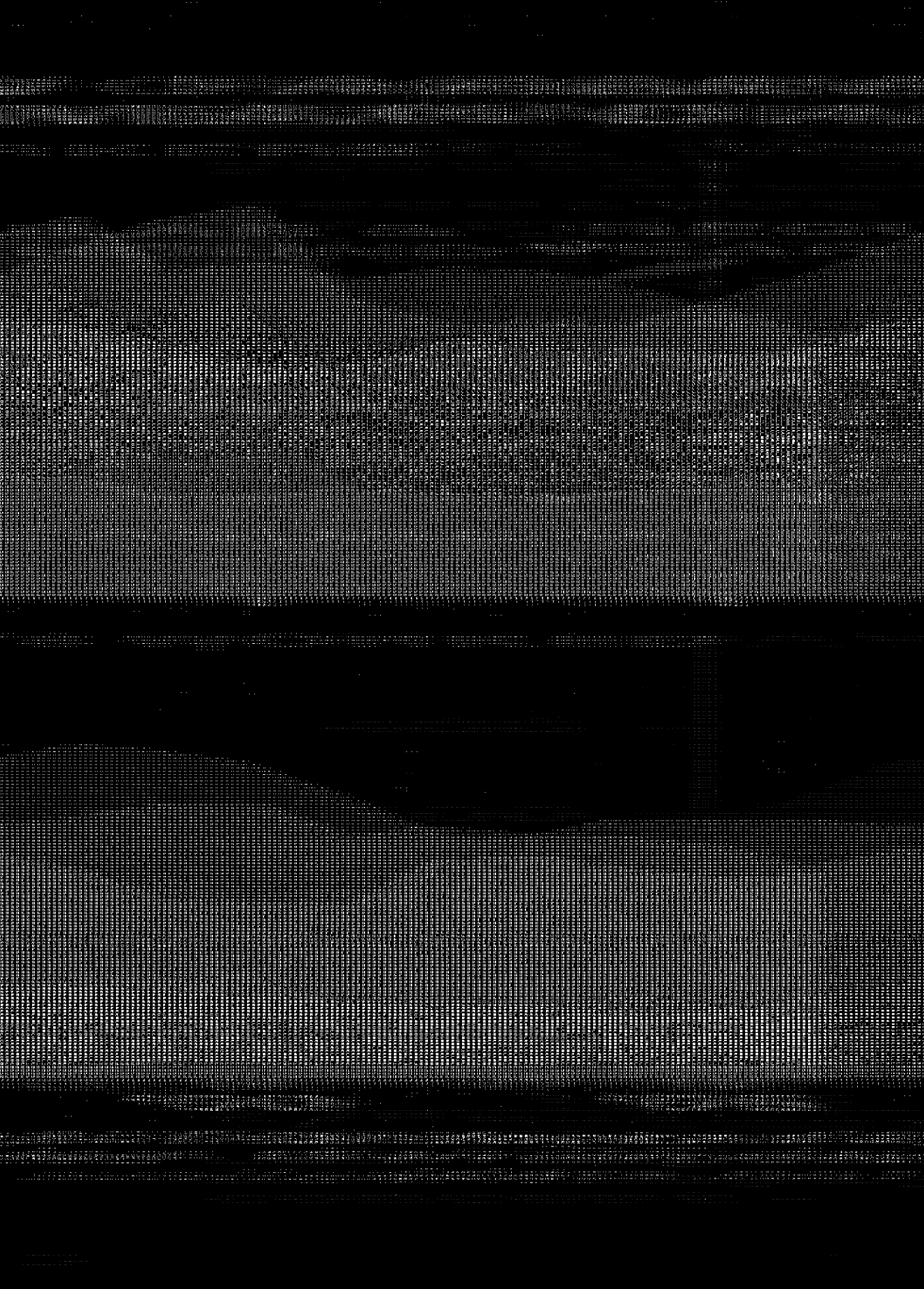


Table 3—Hired farmworkers: Average annual earnings, by primary employment status, 1976

Primary employment status <u>1/</u>	Total			With farm work only		With both farm and nonfarm work		
	Number	Total	Annual	Number	Annual	Number	Total	Annual
		annual	farm		farm		annual	farm
		earnings	earnings		earnings		earnings	earnings
	Thou.	--Dollars--		Thou.	Dollars	Thou.	--Dollars--	
<u>Primarily in labor</u>								
<u>force</u>	1,280	5,073	2,882	631	4,543	651	5,580	1,270
Hired farmwork....	676	4,988	4,783	540	5,054	137	4,727	3,713
Other farmwork <u>2/</u> .	86	2,294	1,549	62	1,972	24	<u>3/</u>	<u>3/</u>
Nonfarm work.....	458	6,204	623	--	--	458	6,204	623
Unemployed.....	60	1,376	619	29	<u>3/</u>	32	<u>3/</u>	<u>3/</u>
<u>Primarily not in</u>								
<u>labor force</u>	1,486	953	591	945	631	541	1,516	521
Keeping house.....	244	817	524	172	588	72	1,365	370
Attending school..	1,089	926	599	669	644	420	1,375	528
Other.....	153	1,366	643	104	625	49	<u>3/</u>	<u>3/</u>
All hired farmworkers:	2,767	2,859	1,652	1,576	2,197	1,191	3,736	929

Number of workers may not add to totals due to rounding.

1/Refers to respondent's major or chief activity during the year. See appendix C.

2/Includes operating a farm and unpaid family labor.

3/Averages not shown where base is less than 50,000.

- Persons residing on farms averaged \$2,114, or \$17.30 per day for 122 days of farmwork; persons living in

nonfarm places averaged \$1,542, or \$20.00 per day for 77 days of farmwork.

SELECTED SUBGROUPS OF HIRED FARMWORKERS

The socioeconomic characteristics of workers differ considerably among different subgroups of the hired farm working force. Men, women, youth, migrants, and other groups of workers, all vary by age, residence, number of days worked, and amount of earnings received. Some of the characteristics of these subgroups are summarized below.

Racial/Ethnic Groups

While hired farmworkers in 1976 were predominately White (74 percent), 11 percent were Hispanic and 14 percent were Blacks and Others.^{6/} In general, the minority groups--Hispanics and Blacks and Others--were older (median ages of 29 for each group) than White farmworkers (median age of 22). While most (65 percent) White workers were young persons aged 14-24, over half of the Hispanic and Black and Other farmworkers were 25 years of age and over.

^{6/}The 1976 data for White and Black and Other farmworkers in this report, except data in table 7, are not comparable to racial data published in the hired farm working force series prior to 1975. In both the 1975 and 1976 annual reports, White, Hispanic, and Black and Others are three mutually exclusive groups. In previous reports, workers were classified into only two groups--White and Black and Other. Had previous year's definitions been used in 1975 and 1976, the majority of Hispanic workers would have been classified in the White group, but some would have been classified in the Black and Other group. Even though the term "Spanish-origin" was used in the 1975 report instead of the currently used term, "Hispanic," the concepts are identical. See footnote 2, page 4 for definition of racial/ethnic categories.

The age and sex pyramids shown in figure 2 suggest that as Whites become older, they tend to move out of farmwork into other types of activities. However, this pattern is less prevalent among Hispanic and Black and Other farmworkers. These groups have relatively large proportions of workers at the older levels, suggesting perhaps more limited access to other types of employment.

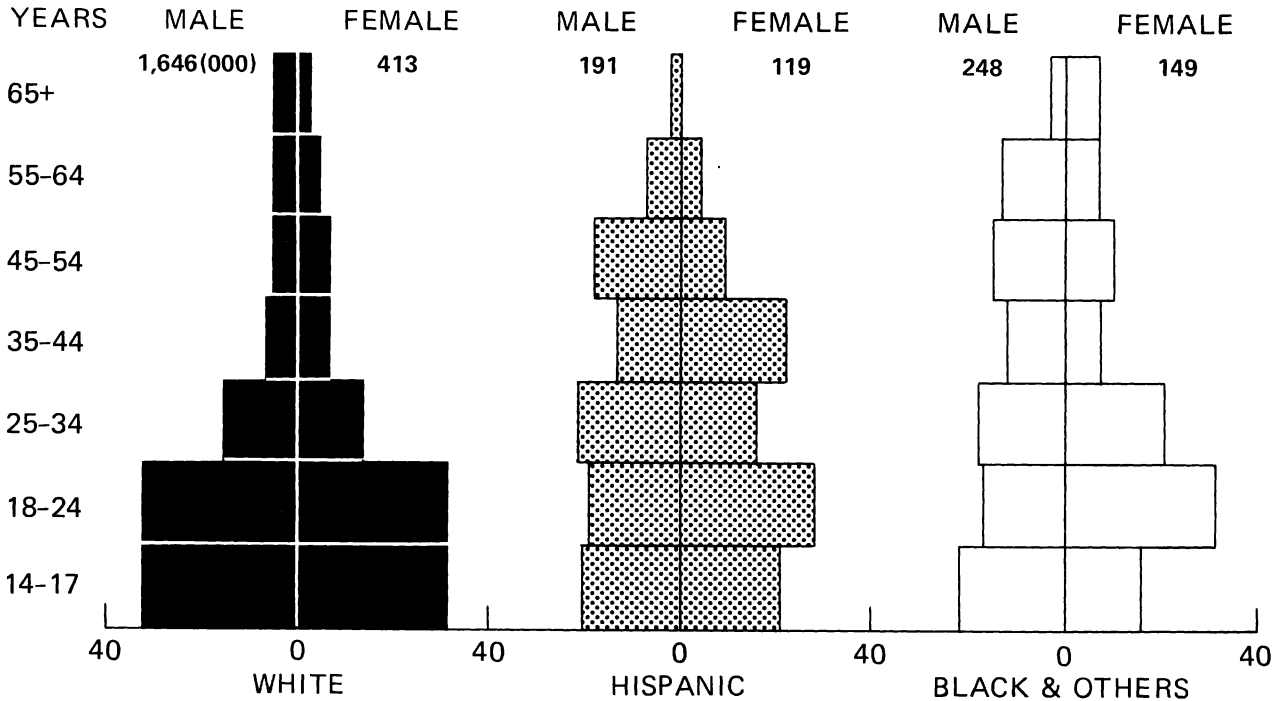
Larger proportions of minority workers were females. About 38 percent each of the Hispanic and the Black and Other farmworkers were female, compared with only 20 percent of the White workers. Also, almost all of the Hispanic farmworkers (93 percent) lived off the farm, compared with 80 percent of the White and 77 percent of the Black and Others. (The percentage of White farmworkers with nonfarm residence did not differ significantly from Blacks and Others).

The economic and employment characteristics of hired farmworkers also varied by racial/ethnic group. Hispanics and Blacks and Others more often cited hired farmwork as their principal employment status and were more likely to be solely employed in farmwork during the year. However, Hispanic farmworkers were employed on farms for longer periods than other racial/ethnic groups and received higher annual farm earnings than either White or Black and Other farmworkers.

- 47 percent of the Hispanics, 32 percent of the Black and Others, and 20 percent of the White farmworkers cited hired farmwork as their principal employment status in 1976.
- In contrast, 45 percent of the Whites, 27 percent of the Blacks and Others, and 20 percent of the Hispanics were attending school most of the year.
- While 48 percent of the White hired farmworkers also had

HIRED FARMWORKERS, 1976

By Age, Sex, and Racial/Ethnic Group



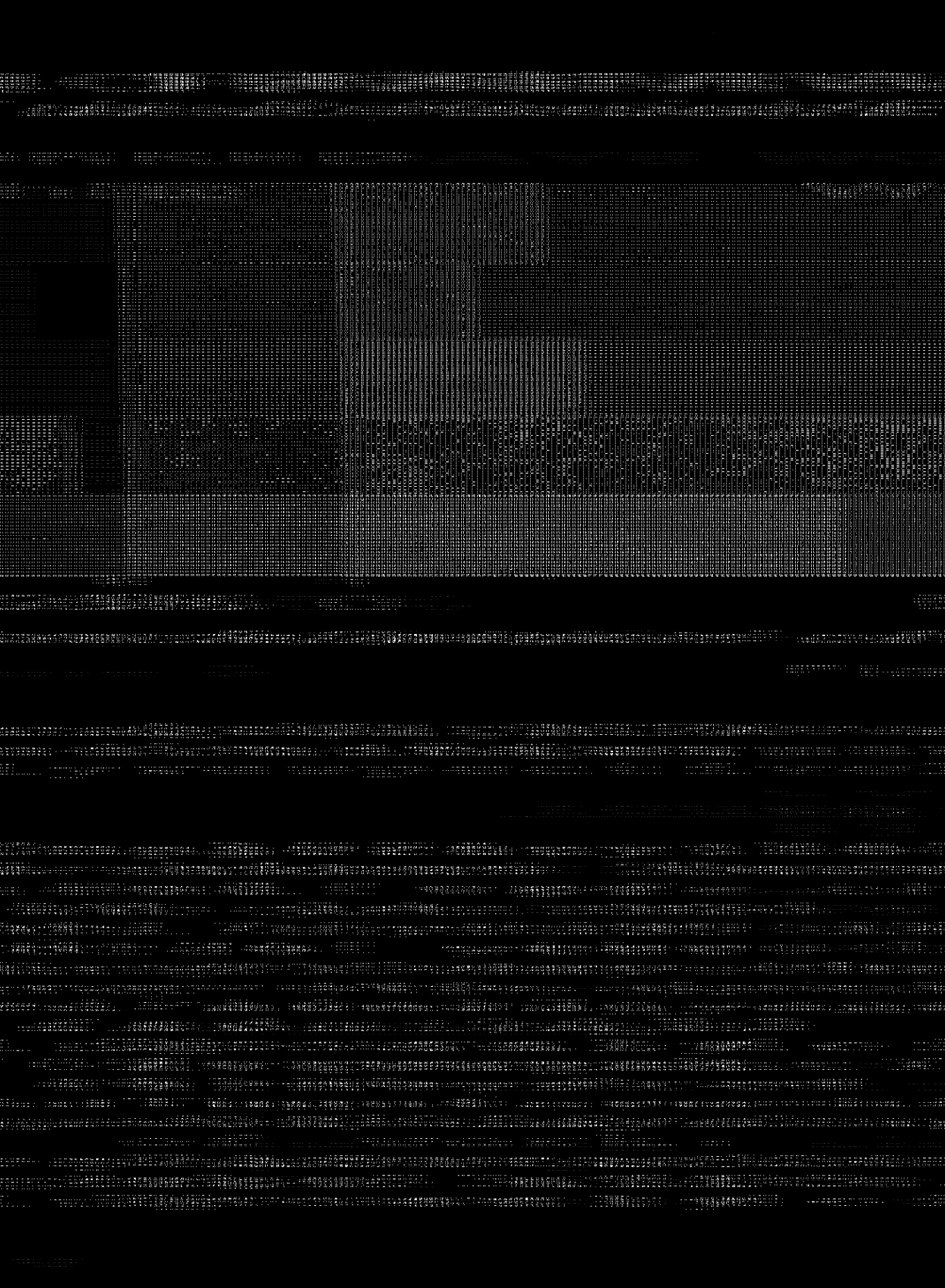
See footnote 2, page 4 for definition of racial/ethnic categories.

Figure 2

nonfarm employment, only 26 percent of the Hispanics and 31 percent of the Blacks and Others had nonfarm employment during 1976. (The percentage of Hispanics was not significantly different from Black and Other farmworkers).

- 44 percent of the Whites, 39 percent of the Blacks and Others, and 22 percent of the Hispanics did farmwork for less than 25 days in 1976 (fig. 3). (The percentages of Whites and Blacks and Others working for less than 25 days did not differ significantly.)
- Hispanic farmworkers averaged 124 days of farmwork, compared with an average 80 days for Whites and 87 days for Blacks and Others. (Average days worked by Whites and Blacks and Others did not differ significantly from each other.)

- Annual farm earnings of Hispanic workers averaged \$2,830. These were significantly higher than averages of \$1,502 for Whites and \$1,506 for Blacks and Others. (Earnings of Whites and Black and Other farmworkers did not differ significantly.)
- Among farmworkers who were solely employed in farmwork, Hispanics received \$3,264 in farm earnings, compared with \$2,047 for Whites and \$1,889 for Blacks and Others. (Earnings of White and Black and Other farmworkers were not significantly different.)
- Of those farmworkers who also had some nonfarm employment, Hispanics received an average \$1,584 in annual farm earnings and \$1,462 from nonfarm earnings; Whites received \$908 from farmwork and \$3,005 from nonfarm work; and Black and



only 14 percent cited hired farmwork as their principal employment activity. In contrast, only 47 percent of the male farmworkers were not in the labor force while 28 percent did hired farmwork as their major activity. In addition, over half of the women did less than 25 days of farmwork during the year compared with 38 percent of male farmworkers. Because of these differences in employment characteristics, female farmworkers received smaller average annual farm earnings than their male counterparts. Female workers received \$887 from 51 days of farmwork; male farmworkers averaged almost twice that amount, \$1,901, from 97 days of farmwork.

Migrants

During the planting and harvesting season of many agricultural crops, the demand for labor sometimes exceeds the supply of farmworkers living in a local area. As a result, workers from other areas are needed to meet crop production and harvesting requirements.

In 1976, there were 213,000 farmworkers, 8 percent of the total, who traveled across county lines from their usual place of residence to stay overnight and do hired farmwork. Some of the characteristics of migrant farmworkers were:

- Nearly 60 percent of the migrants were less than 25 years of age.
- Almost one-third were students and were out of the work force most of the year.
- 72 percent were males.
- 31 percent of the migrants did less than 25 days of farmwork during the year; 84 percent did less than 150 days of farmwork in 1976.
- They earned an average of \$1,807 from 82 days of farmwork.
- 57 percent of the migrants were White, 36 percent were Hispanic and 7 percent were Black and Others.
- About one half did both farm and nonfarm work. This group earned an average of \$1,017 from farmwork and \$3,025 from nonfarm work.

- 51 percent were employed only in farmwork during 1976; their annual earnings averaged \$2,586.
- 39 percent (83,000) of all migrants were household heads.

Distances traveled by migrants in 1976 varied considerably. About 63 percent traveled 200 miles or more while 23 percent traveled 1,500 miles or more away from home 7/ (table 4). The short-distance migrants tended to be Whites, while those traveling long distances tended to be Hispanics and Blacks and Others. Around 37 percent of the White migrants traveled less than 75 miles to do farmwork, compared with only 3 percent of the Hispanic migrants. In contrast, 57 percent of the Hispanics migrated 1,500 miles or more while only 3 percent of the White migrants traveled this far. Data for Black and Other migrants were not large enough to allow examination by distance traveled.

Since 1960, the number of migrant workers on farms has decreased almost 50 percent (fig. 4), although this has not been a continuous decline. In 1965, the number of migrants increased sharply to 466,000 workers. This rise probably represented a temporary adjustment to the termination of the Bracero Program, 8/ as farmers replaced foreign labor with domestic workers. Between 1965 and 1970, the number of

7/Distance traveled included only the number of miles traveled from home to place of work and did not include travel to return home.

8/From 1951 until its termination on December 31, 1964, the Bracero Program (under Public Law 78) enabled Mexican nationals to enter the United States to do temporary farmwork. For additional information on this law and the effect of its termination on the size of the migrant work force see Robert C. McElroy and Earl E. Gavett, Termination of the Bracero Program: Some Effects on Farm Labor and Migrant Housing Needs, AER No. 77., Economic Research Service, U.S. Department of Agriculture, June 1965 and U.S. Senate, Department of Agriculture and Related Agencies Appropriations, Part 4, Hearings before Subcommittee on Appropriations, 90th Congress, 1st Session, 1967.

Table 4--Migrant farmworkers: Distribution by racial/ethnic group and distance traveled to do farmwork, 1976

Mileage traveled	All workers		Racial/ethnic group ^{1/}					
			Whites		Hispanics		Blacks and Others	
	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.
Under 75....	47	22	45	37	2	3	2/	3/
75-199.....	29	14	23	19	3	4	3	3/
200-399.....	39	19	24	20	14	18	1	3/
400-499.....	8	4	3	2	5	6	2/	3/
500-999.....	24	11	14	11	5	6	6	3/
1,000-1,499.	12	6	8	7	1	1	3	3/
1,500-1,999.	28	13	1	1	25	32	2	3/
Over 2,000..	22	10	3	2	19	25	2/	3/
Total.....	213	100	122	100	77	100	15	100

Numbers and percentages of workers may not add to totals due to rounding.

^{1/} See footnote 2, page 4 for definitions of racial/ethnic categories.

^{2/} Estimated number less than 500.

^{3/} Percentages not shown where base is less than 50,000 persons.

migrants steadily declined as greater efforts were made to develop and implement labor-saving technology in agricultural production. At the same time, government programs were developed to help migrants find alternatives to migrant farmwork. Other factors may also be involved in the decreasing size of the migrant work force. Since 1970, the number of migrants has remained relatively stable around 200,000.

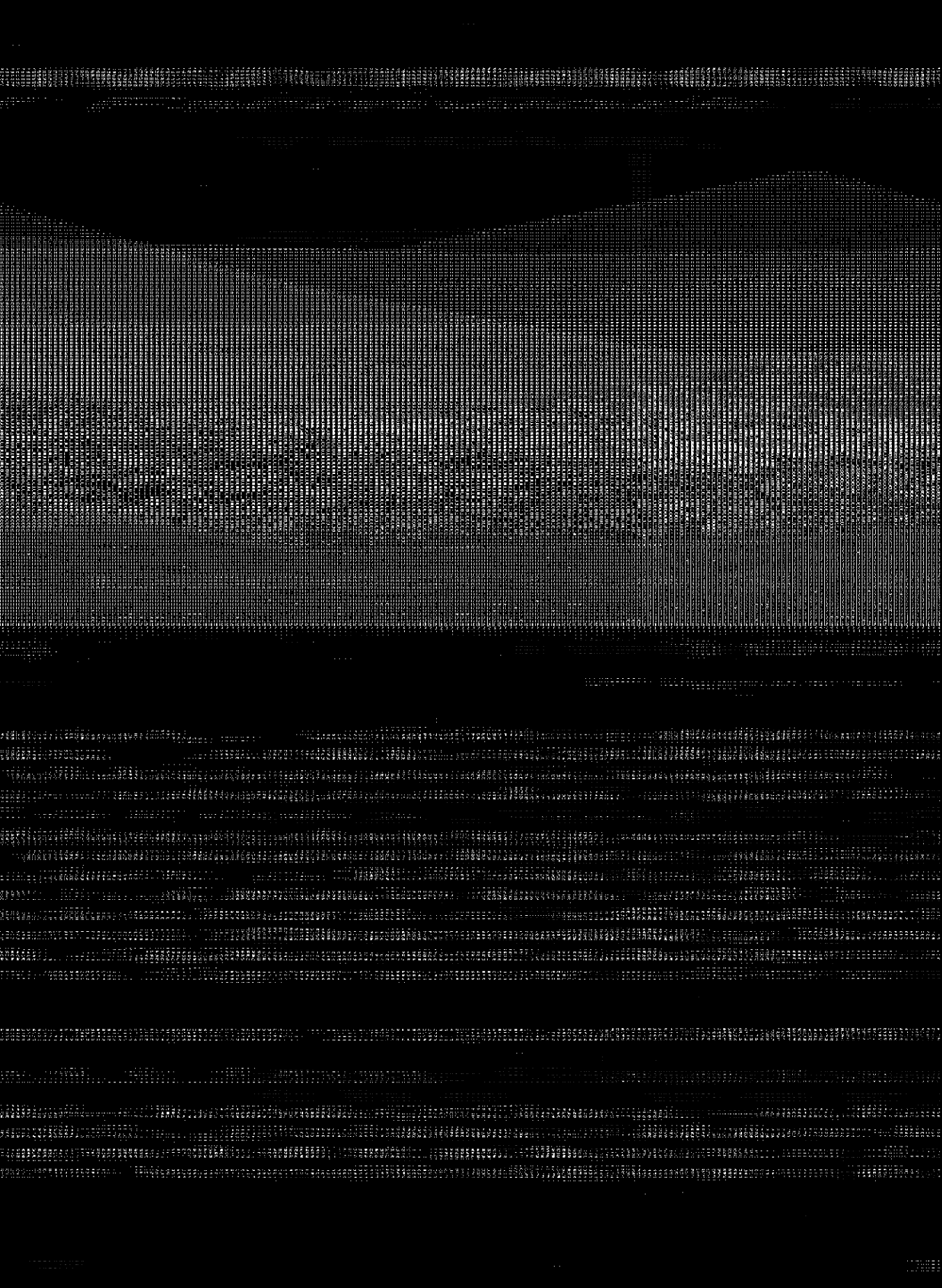
Regional Subgroups

For the first time in this survey, data are available on the number and characteristics of hired farmworkers by the ten Standard Federal Regions (SFRs). States contained in these SFRs are shown in figure 5. The number of hired farmworkers appears to vary among regions by size of region, predominant type of farming, and length of the growing and harvesting seasons.

At the time of the annual survey in December 1976, nearly a fourth of the hired working force was located in the southeastern United States (SFR IV) (table 5). This region produces a

significant proportion of the Nation's fruit, nuts, and vegetable crops; many of these crops are labor-intensive, requiring large numbers of workers for production and harvesting. SFR V and VI each accounted for 16 percent of the hired farmwork force. SFR IX included 12 percent of the hired farmworkers.

Racial/Ethnic Group. While the majority of farmworkers in all regions except SFR IX were White, the proportions of Hispanic and Black and Other farmworkers varied considerably in different areas (table 5). For example, in SFRs III and IV, Blacks and Others comprised relatively large proportions of the farm working force. About 20 percent of the workers in SFR III and 40 percent of those in SFR IV were Blacks and Others; Hispanics accounted for less than 2 percent of the farmworkers in these regions, and Whites comprised the remainder. The racial/ethnic composition of farmworkers in these areas differed significantly from regions in the Southwest and West, where greater proportions of the farm work force were Hispanic. In SFR VI, 28 percent of the farmworkers were



STANDARD FEDERAL REGIONS

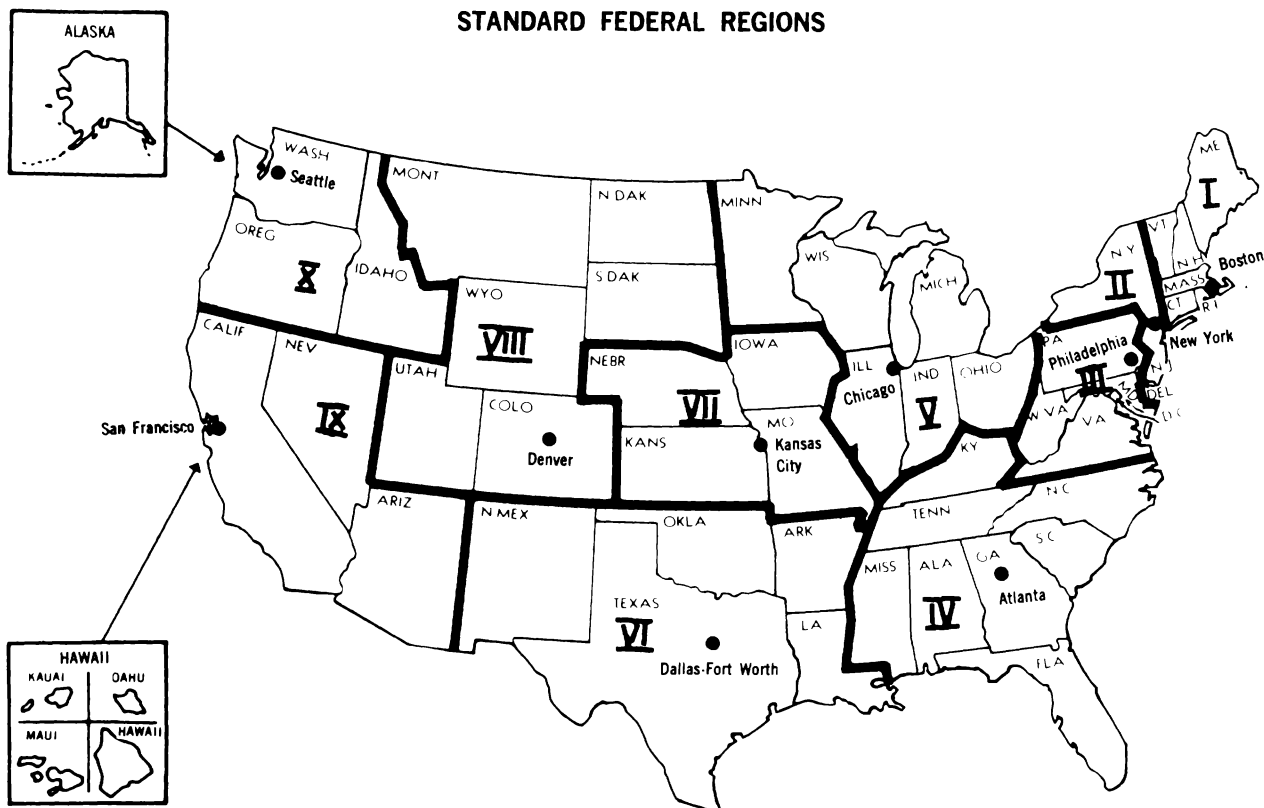


Figure 5

groupings, the decreases for persons age 25-44 and 45-64 years were the only changes significant at the 95 percent confidence level (table 7). The number of young workers 18-24 increased 13 percent (significant at the 90 percent confidence level). As a result, the median age of hired farmworkers decreased from 25 years in 1964-66 to 23 years in 1974-76. Also, the number of Blacks and Others doing farmwork in the 1970's decreased significantly over the earlier period. The size of this group declined 52 percent over the 10-year period, while Whites remained relatively stable. Black and Others accounted for only 16 percent of the hired farm working force in 1974-76, compared with 29 percent in 1964-66. ^{9/}

Between 1964-66 and 1974-76, there were several shifts in the regional location of the hired farmworker

population. The number of farmworkers in the South decreased by 31 percent, while the number in the North Central States increased by 26 percent. Although the Northeast and West showed small declines (9 percent and 2 percent, respectively), these changes were not significant. The 1974-76 averages show that 40 percent of the hired farmworkers resided in the South, 26 percent lived in the North Central Region, 25 percent were in the West, and 9 percent were located in the Northeast. This distribution differs somewhat from that in the earlier period.

Although the 10-year decline in number of hired farmworkers was apparent in each category of man-days worked, it was significant only for persons doing 25 to 74 days of farmwork during the year (down 25 percent). In the 1974-76 period, around 43 percent of the hired farmworkers were casual workers, 34 percent were seasonal, 10 percent were regular, and 13 percent

^{9/}Comparable data for Hispanic farmworkers are not available for these periods.

Table 5--Number and distribution of hired farmworkers, by racial/ethnic group and Standard Federal Regions, 1976

Region	All hired farmworkers					Migrant 1/ farmworkers	
	Total		Distribution within region by racial/ethnic groups 2/			Number	Percent of U.S.
	Number	Percent of U.S.	Whites	Hispanics	Blacks and Others		
	Thou.	Percent			Thou.	Pct.	
I.....	77	3	97	—	3	1	—
II.....	94	3	94	3	3	3	1
III.....	110	4	79	1	20	12	6
IV.....	670	24	58	2	40	25	12
V.....	446	16	97	2	1	18	8
VI.....	441	16	59	28	13	83	40
VII.....	249	9	96	2	2	11	5
VIII.....	156	6	92	5	3	19	9
IX.....	320	12	47	45	8	31	15
X.....	204	7	94	1	5	9	4
U.S.....	2,767	100	75	11	14	213	100

Numbers and percentages may not add to totals due to rounding.

1/ The regional distribution of migrant workers primarily reflects home base location rather than place of work, since the survey was taken in December.

2/ See footnote 2, page 4 for definition of racial/ethnic categories.

Table 6--Hired farmworkers: Distribution by days of farmwork and Standard Federal Regions, 1976

Region	Total	Distribution within region by days of farmwork			
		Fewer than 25 days	25-74 days	75-149 days	150 or more days
	Thou.	Percent	Percent	Percent	Percent
I.....	77	50	31	7	12
II.....	94	29	31	18	22
III.....	110	48	17	11	24
IV.....	670	44	25	9	22
V.....	446	48	24	14	14
VI.....	441	33	24	16	27
VII.....	249	49	17	13	21
VIII.....	156	35	23	17	25
IX.....	320	24	22	15	39
X.....	204	56	26	8	10
U.S.....	2,767	41	24	13	22

Numbers and percentages may not add to totals due to rounding.

Table 7--Number of hired farmworkers by race, age, duration of farmwork;
averages 1964-66 and 1974-76.

Item	3-year averages		Percentage: change	Percent of total	
	1964-66	1974-76		1964-66	1974-76
	---Thousands---			-----Percent-----	
Total.....	3,087	2,713	-12	100	100
Race 1/:					
Whites.....	2,186	2,279	-4	71	84
Blacks and Others.....	901	434	-52*	29	16
Age:					
14-17 years..	924	843	-9	30	31
18-24 years..	657	740	+13**	21	27*
25-44 years..	741	633	-15*	24	23
45-64 years..	614	367	-40*	20	14*
65 years and over.....	151	131	-13	5	5
Region:					
Northeast....	265	240	-9	9	9
North Central	570	718	+26*	18	26*
South.....	1,566	1,087	-31*	51	40*
West.....	686	669	-2	22	25
Duration of farmwork:					
Less than 25 days.....	1,254	1,165	-7	41	43
25-74 days...	816	609	-25*	26	22
75-149 days..	383	325	-15	12	12
150-249 days.	273	264	-3	9	10
250 days and over.....	361	352	-2	12	13

1/Data were not available for Hispanic hired farmworkers for these periods.

*Changes in number or distribution between 1964-66 and 1974-76 are significantly different at the 95 percent confidence level.

**Changes in number or distribution between 1964-66 and 1974-76 are significantly different at the 90 percent confidence level.

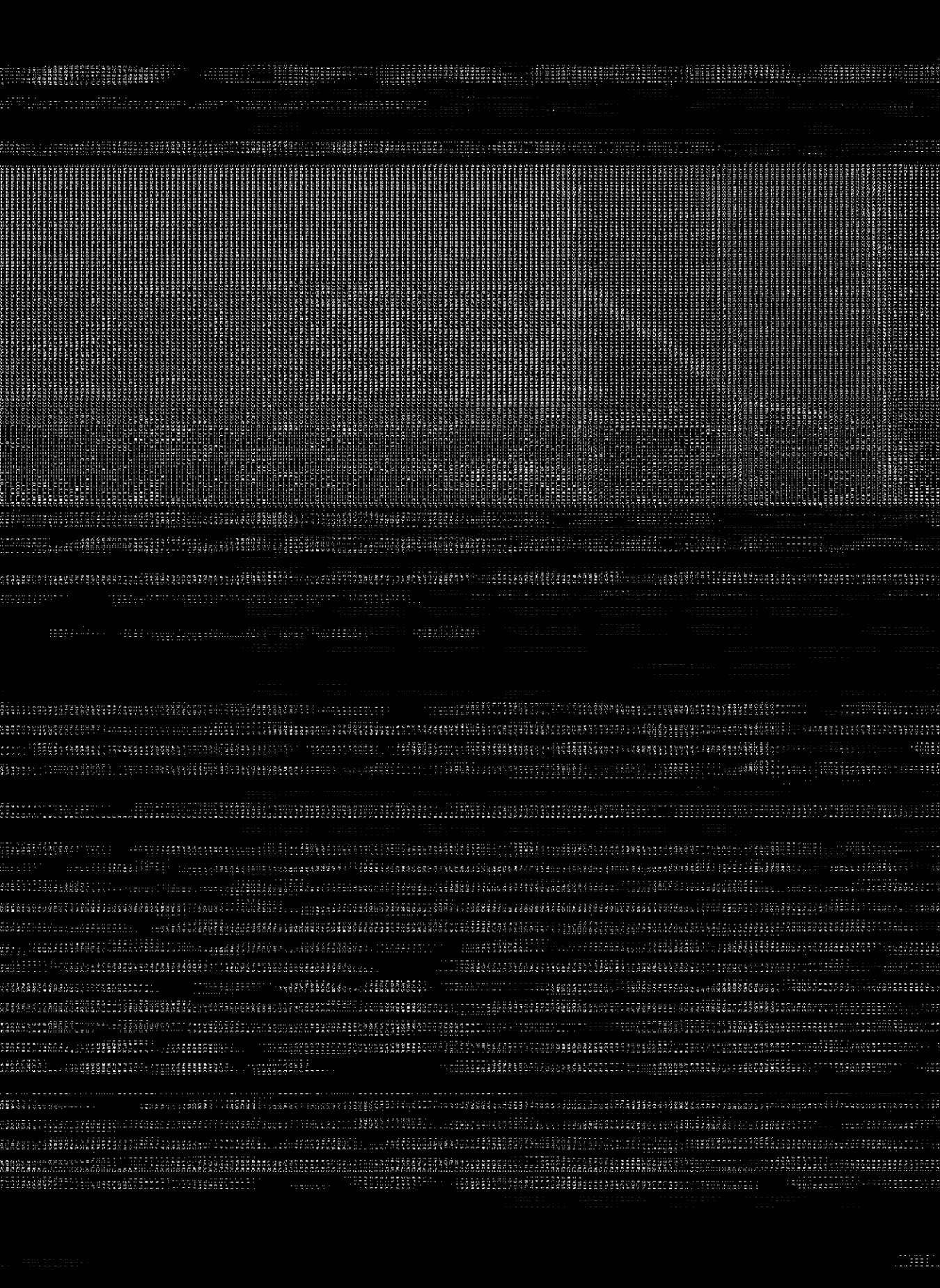
were year-round. These distributions did not differ significantly from the earlier period.

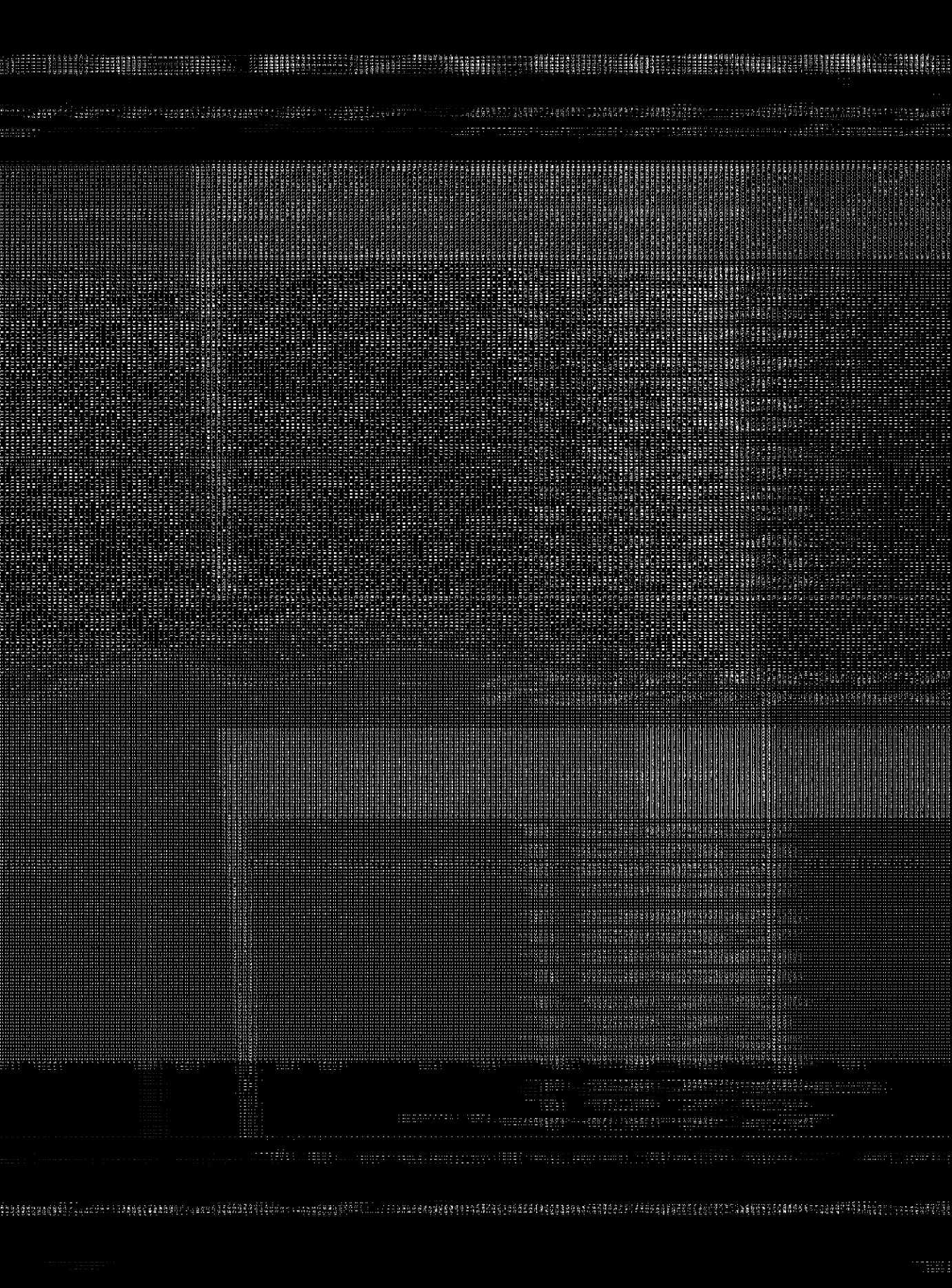
Residence

Since the late 1940's, the number of hired farmworkers living on farms has gradually but consistently declined. During the 1974-76 period, an average 22 percent of hired farmworkers lived on farms. This compares with an

average 30 percent in 1964-66 and 65 percent in the late forties (fig. 6). However, the annual change in the proportion of the workers who live on a farm was not as large between 1964-66 and 1974-76 as it was earlier.

An overall decrease in the number of hired farmworkers and fewer persons living on farms contributed to the declining proportion of workers living on farms. The number of hired farmworkers declined 31 percent since





OTHER RELATED HIRED FARMWORKER PUBLICATIONS

Food Stamp Participation of Hired Farmworker Families. AER No. 403. Economics, Statistics, and Cooperatives Service, U.S. Dept. Agriculture. April 1978.

The Hired Farm Working Force of 1975. AER No. 355. Economic Research Service, U.S. Dept. of Agriculture. December 1976.

Households Eligible for a National Farmworker Program under the Comprehensive Employment and Training Act of 1973. AER No. 324. Economic Research Service, U.S. Dept. of Agriculture. March 1974.

Income of Farm Wagerworker Households in 1971. AER No. 251. Economic Research Service, U.S. Dept. of Agriculture. March 1974.

Social and Economic Characteristics of Spanish-Origin Hired Farmworkers in 1973. AER No. 349. Economic Research Service, U.S. Dept. of Agriculture. September 1976.

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Table A-1. All hired farmworkers: Number and percentage distribution, by racial/ethnic groups, sex, and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers									
	Total		Whites		Hispanics		Blacks and Others			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
	Thousands									
ALL WORKERS.....	2065	681	1646	413	191	119	248	149		
Primary employment status:										
Farmwork.....	662	100	437	43	110	37	116	20		
Hired farmwork.....	572	96	361	42	108	37	109	19		
Without nonfarm work	452	88	274	35	87	36	92	17		
With nonfarm work...	126	11	87	6	21	2	17	3		
Other farmwork 1/.....	84	2	75	1	2	0	7	1		
Nonfarm work.....	383	75	321	57	21	5	47	14		
Unemployed.....	56	5	40	3	11	0	4	2		
Not in labor force.....	985	501	848	311	49	77	88	114		
Keeping house.....	0	244	0	120	0	49	0	74		
Attending school.....	847	243	740	163	35	27	72	36		
Other.....	138	15	108	10	14	1	16	4		
Residence and age:										
All workers.....	2065	681	1646	413	191	119	248	149		
14-17 years.....	636	182	544	133	37	25	55	23		
18-24 years.....	604	215	525	134	37	34	42	47		
25-34 years.....	324	106	240	56	40	19	44	31		
35-44 years.....	149	68	95	31	25	26	29	12		
45-54 years.....	150	53	77	27	35	11	38	15		
55-64 years.....	138	35	90	20	14	5	34	10		
65 years and over.....	85	23	75	12	3	0	7	11		
Nonfarm residence.....	1664	575	1297	346	174	114	192	115		
14-17 years.....	534	148	456	106	32	25	46	18		
18-24 years.....	432	179	414	118	35	32	33	29		
25-34 years.....	249	90	182	47	36	14	29	26		
35-44 years.....	123	62	76	26	20	26	25	10		
45-54 years.....	107	44	51	23	33	9	25	13		
55-64 years.....	96	31	56	16	14	5	27	10		
65 and over.....	71	20	63	11	3	0	7	9		
Years of education completed by workers over 25:										
0-4 years.....	119	59	39	6	52	29	28	23		
5-8 years.....	251	72	151	29	41	23	69	20		
9-11 years.....	117	52	80	30	11	4	27	18		
12 years.....	202	77	166	63	9	2	25	15		
13 years and over.....	145	26	140	22	3	2	2	3		
Migratory status:										
Migratory.....	153	60	95	26	46	31	12	3		
Nonmigratory.....	1932	621	1551	387	145	89	237	146		
Standard Federal Regions:										
Region I.....	62	15	61	15	0	0	2	0		
Region II.....	65	23	63	24	2	2	0	3		
Region III.....	91	19	77	11	1	0	14	9		
Region IV.....	460	210	285	104	8	6	157	100		
Region V.....	370	77	364	69	5	4	1	4		
Region VI.....	362	78	237	24	81	44	45	11		
Region VII.....	202	46	195	45	3	2	4	0		
Region VIII.....	120	27	123	24	5	2	3	1		
Region IX.....	224	96	126	25	85	67	13	11		
Region X.....	121	83	119	73	1	0	1	16		
Four Census Regions:										
Northeast.....	169	54	162	47	2	2	6	5		
North Central.....	614	135	597	124	10	7	7	4		
South.....	858	293	555	128	83	46	220	119		
West.....	445	200	333	113	97	65	15	21		
Duration of farmwork:										
Less than 25 days.....	789	355	682	238	34	34	73	53		
25-74 days.....	460	192	369	116	35	37	56	40		
75-149 days.....	286	61	224	20	31	29	31	12		
150-249 days.....	240	49	157	22	36	16	47	11		
250 days and over.....	311	23	214	17	55	3	41	3		

See footnote at end of table.

Continued

Table A-1. All hired farmworkers: Number and percentage distribution, by racial/ethnic groups, sex, and selected characteristics, 1976--continued

Selected characteristics	Number of hired farmworkers							
	Total		Whites		Hispanics		Blacks and Others	
	Male	Female	Male	Female	Male	Female	Male	Female
	Percent							
ALL WORKERS.....	100	100	100	100	100	100	100	100
Primary employment status:								
Farmwork.....	32	15	27	10	57	31	47	13
Hired farmwork.....	26	14	22	13	57	31	44	13
Without nonfarm work :	22	13	17	9	45	30	37	11
With nonfarm work....	4	2	5	2	11	1	7	2
Other farmwork ^{1/}	6	1	5	1	6	1	3	1
Nonfarm work.....	18	11	25	14	11	4	16	9
Unemployed.....	3	1	2	1	6	0	2	1
Not in labor force.....	47	74	52	75	26	65	36	76
Keeping house.....	0	36	0	29	0	41	0	50
Attending school.....	41	36	45	44	16	22	29	24
Other.....	7	2	7	2	8	1	6	3
Residence and age:								
All workers.....	100	100	100	100	100	100	100	100
14-17 years.....	31	27	33	32	20	21	22	16
18-24 years.....	29	32	32	32	19	29	17	32
25-34 years.....	16	15	15	14	21	16	18	21
35-44 years.....	7	13	6	7	13	22	12	6
45-54 years.....	7	8	5	7	18	9	15	10
55-64 years.....	7	5	5	5	7	4	14	7
65 years and over.....	4	3	5	3	2	0	3	7
Nonfarm residence.....	100	100	100	100	100	100	100	100
14-17 years.....	32	26	35	31	18	22	24	15
18-24 years.....	29	31	32	34	20	28	17	25
25-34 years.....	15	16	14	14	22	15	15	22
35-44 years.....	7	11	6	7	11	23	13	9
45-54 years.....	7	8	4	7	19	8	13	11
55-64 years.....	6	5	4	5	8	4	14	9
65 and over.....	4	3	5	3	2	0	4	8
Years of education completed by workers over 25 :	100	100	100	100	100	100	100	100
0-4 years.....	14	21	7	4	45	48	19	30
5-8 years.....	31	25	26	20	35	39	45	25
9-11 years.....	14	18	14	21	9	7	16	23
12 years.....	24	27	29	41	8	3	17	19
13 years and over.....	17	9	24	15	3	3	2	3
Migratory status:								
Migratory.....	7	9	6	6	24	26	5	2
Nonmigratory.....	93	91	94	94	76	74	95	98
Standard Federal Regions:								
Region I.....	3	2	4	4	0	0	1	0
Region II.....	3	4	4	6	1	1	0	2
Region III.....	4	3	5	2	3	0	5	6
Region IV.....	22	31	17	25	4	5	67	67
Region V.....	18	11	22	17	3	3	0	2
Region VI.....	17	11	14	5	42	37	18	7
Region VII.....	10	7	12	11	2	1	2	0
Region VIII.....	6	4	7	0	3	2	1	0
Region IX.....	11	14	8	6	44	50	5	8
Region X.....	6	12	7	16	1	0	0	7
Four Census Regions:								
Northeast.....	8	8	10	11	1	1	2	3
North Central.....	29	29	36	37	5	6	3	3
South.....	41	43	34	31	43	38	89	79
West.....	21	29	20	27	51	55	6	14
Duration of farmwork:								
Less than 25 days.....	36	52	41	56	18	29	30	55
25-74 days.....	22	23	22	28	19	31	23	27
75-149 days.....	14	9	14	5	10	24	13	8
150-249 days.....	12	7	10	5	19	13	19	7
250 days and over.....	15	3	13	4	29	3	16	2

^{1/} Includes operating a farm and unpaid family labor.

Table A-2. Hired farmworkers who did less than 25 days of farmwork: Number and percentage distribution, by racial/ethnic groups and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers				Percentage distribution			
	Total	Whites	Hispanics	Blacks and Others	Total	Whites	Hispanics	Blacks and Others
	Thousands				Percent			
ALL WORKERS.....	1145	920	68	156	100	100	100	100
Primary employment status:								
Farmwork.....	59	54	3	2	5	6	5	1
Hired farmwork.....	17	12	3	2	1	1	3	1
Without nonfarm work.....	14	7	2	1	1	1	3	1
With nonfarm work.....	7	5	1	1	1	1	2	1
Other farmwork 1/.....	42	41	0	1	4	5	0	0
Nonfarm work.....	266	225	13	31	23	24	14	20
Unemployed.....	30	24	6	0	3	3	9	0
Not in labor force.....	790	618	49	123	69	67	72	79
Keeping house.....	145	83	16	43	13	9	26	26
Attending school.....	566	477	23	65	49	52	34	42
Other.....	60	57	8	13	7	6	12	9
Residence and age:								
All workers.....	1145	920	66	156	100	100	100	100
14-17 years.....	429	361	19	49	37	39	28	31
18-24 years.....	322	264	20	38	28	29	29	25
25-34 years.....	171	139	6	26	15	15	9	17
35-44 years.....	65	41	3	16	6	5	12	10
45-54 years.....	63	41	1	12	5	4	15	8
55-64 years.....	47	38	2	8	4	4	2	5
65 years and over.....	40	37	3	7	4	4	5	5
Nonfarm residence.....	989	799	62	128	100	100	100	100
14-17 years.....	373	315	15	35	38	39	31	31
18-24 years.....	291	244	18	28	29	31	29	22
25-34 years.....	144	117	5	22	15	15	8	17
35-44 years.....	56	35	6	14	6	4	10	11
45-54 years.....	52	34	6	10	5	4	14	8
55-64 years.....	34	22	2	8	3	3	2	6
65 years and over.....	42	33	3	6	4	4	5	5
Years of education completed by workers over 25 2/:								
0-4 years.....	394	296	29	69	100	100	-	100
5-8 years.....	48	14	18	15	12	5	-	22
9-11 years.....	92	65	6	21	23	22	-	30
12 years.....	64	46	5	13	16	16	-	19
13 years and over.....	114	96	0	18	29	32	-	26
13 years and over.....	76	74	0	2	19	25	-	2
Migratory status:								
Migratory.....	66	51	11	3	6	6	17	2
Nonmigratory.....	1078	869	57	153	94	94	83	98
Standard Federal Regions:								
Region I.....	38	38	0	0	3	4	0	0
Region II.....	28	26	0	1	2	3	0	1
Region III.....	53	39	0	13	5	4	0	8
Region IV.....	297	193	4	101	26	21	5	64
Region V.....	214	204	6	4	19	22	9	2
Region VI.....	146	95	30	21	13	10	45	13
Region VII.....	124	121	3	0	11	13	4	0
Region VIII.....	55	52	3	1	5	6	4	1
Region IX.....	78	50	22	6	7	5	33	4
Region X.....	112	102	0	10	10	11	0	6
Four Census Regions:								
Northeast.....	88	81	0	7	8	9	0	4
North Central.....	357	343	17	4	31	37	15	3
South.....	466	308	30	128	41	33	44	82
West.....	234	189	28	17	20	21	41	11

1/ Includes operating a farm and unpaid family labor.

2/ Percentages not shown where base is less than 50,000 persons.

Table A-3. Hired farmworkers who did 25 to 149 days of farmwork: Number and percentage distribution, by racial/ethnic groups and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers				Percentage distribution			
	Total	Whites	Hispanics	Blacks and Others	Total	Whites	Hispanics	Blacks and Others
	-----Thousands-----				-----Percent-----			
ALL WORKERS.....	999	728	132	139	100	100	100	100
Primary employment status:								
Farmwork.....	167	90	40	37	17	12	31	26
Hired farmwork.....	138	65	40	33	14	9	31	23
Without nonfarm work	92	44	26	20	9	6	21	14
With nonfarm work.....	46	21	12	13	5	3	9	9
Other farmwork 1/.....	30	26	0	4	3	4	0	3
Nonfarm work.....	177	138	15	23	18	19	12	16
Unemployed.....	30	19	5	5	3	3	4	4
Not in labor force.....	626	480	71	75	63	66	54	54
Keeping house.....	92	31	30	30	9	4	23	22
Attending school.....	466	393	33	40	47	54	25	23
Other.....	68	56	7	5	7	8	6	3
Residence and age:								
All workers.....	999	728	132	139	100	100	100	100
14-17 years.....	353	288	37	28	35	40	26	20
18-24 years.....	305	237	27	40	31	33	21	29
25-34 years.....	123	82	24	17	12	11	16	12
35-44 years.....	67	34	22	11	7	5	17	5
45-54 years.....	57	22	12	23	6	3	9	17
55-64 years.....	53	30	3	14	5	4	7	10
65 years and over.....	41	35	0	6	4	5	0	4
Nonfarm residence.....	808	574	125	109	100	100	100	100
14-17 years.....	282	228	32	23	35	40	25	21
18-24 years.....	245	196	27	27	30	33	22	25
25-34 years.....	107	69	24	14	13	12	20	13
35-44 years.....	60	27	21	11	7	5	17	10
45-54 years.....	44	16	12	16	5	3	10	14
55-64 years.....	38	17	9	13	5	3	7	12
65 years and over.....	33	28	0	6	4	5	0	5
Years of education completed by workers over 25..	341	202	68	71	100	100	100	100
0-4 years.....	53	13	26	15	16	6	36	21
5-8 years.....	122	61	26	33	36	33	42	46
9-11 years.....	92	34	7	11	15	17	10	15
12 years.....	69	53	6	11	20	26	9	15
13 years and over.....	45	41	1	3	13	20	2	4
Migratory status:								
Migratory.....	113	55	49	8	11	8	37	6
Nonmigratory.....	886	673	83	131	89	92	63	94
Standard Federal Regions:								
Region I.....	30	26	0	2	3	4	0	1
Region II.....	46	42	2	2	5	6	1	1
Region III.....	31	24	0	7	3	3	0	5
Region IV.....	227	120	6	103	23	17	5	72
Region V.....	167	164	3	0	17	23	2	0
Region VI.....	175	98	63	14	17	13	48	10
Region VII.....	73	71	1	1	7	10	6	1
Region VIII.....	62	57	3	2	5	8	2	1
Region IX.....	120	55	53	12	12	8	40	5
Region X.....	70	68	1	0	7	9	1	0
Four Census Regions:								
Northeast.....	88	83	2	4	9	11	1	3
North Central.....	266	255	4	3	27	36	3	2
South.....	413	227	65	121	41	31	50	66
West.....	232	159	61	12	23	22	46	9

1/ Includes operating a farm and unpaid family labor.

Table A-4. Hired farmworkers who did 150 or more days of farmwork: Number and percentage distribution, by racial/ethnic groups and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers				Percentage distribution			
	Total	Whites	Hispanics	Blacks and Others	Total	Whites	Hispanics	Blacks and Others
	-----Thousands-----				-----Percent-----			
ALL WORKERS.....	623	411	110	102	100	100	100	100
Primary employment status:								
Farmwork.....	536	336	103	97	86	82	94	95
Hired farmwork.....	522	326	102	94	84	79	92	92
Without nonfarm work.....	436	258	92	86	70	63	84	86
With nonfarm work.....	84	68	9	6	13	17	6	6
Other farmwork ¹ /.....	14	9	2	3	2	2	2	3
Nonfarm work.....	16	15	1	0	3	4	1	0
Unemployed.....	1	0	0	1	0	0	0	1
Not in labor force.....	70	60	6	4	11	15	5	4
Keeping house.....	7	6	1	0	1	1	1	0
Attending school.....	58	50	4	3	9	12	4	3
Other.....	6	5	0	1	1	1	0	1
Residence and age:								
All workers.....	623	411	110	102	100	100	100	100
14-17 years.....	36	29	6	1	6	7	6	1
18-24 years.....	191	157	24	10	31	38	22	10
25-34 years.....	136	75	28	32	22	18	26	31
35-44 years.....	84	51	20	13	14	12	18	13
45-54 years.....	62	41	23	16	10	10	21	16
55-64 years.....	73	42	9	22	12	10	8	22
65 years and over.....	20	15	0	5	3	4	0	5
Nonfarm residence.....	442	269	102	71	100	100	100	100
14-17 years.....	27	19	6	1	6	7	6	2
18-24 years.....	126	98	22	6	29	36	22	9
25-34 years.....	89	44	26	19	20	16	25	27
35-44 years.....	69	42	16	10	16	15	18	14
45-54 years.....	58	24	21	13	13	9	21	18
55-64 years.....	58	33	9	17	13	12	8	24
65 years and over.....	15	10	0	5	3	4	0	7
Years of education completed by workers over 25..	395	225	80	90	100	100	100	100
0-4 years.....	77	17	37	22	19	8	47	25
5-8 years.....	119	53	30	35	30	24	38	46
9-11 years.....	53	29	4	20	13	13	5	23
12 years.....	95	79	5	11	24	35	6	13
13 years and over.....	58	46	3	1	13	21	4	1
Migratory status:								
Migratory.....	34	15	16	3	5	4	15	3
Nonmigratory.....	589	396	94	99	95	96	85	97
Standard Federal Regions:								
Region I.....	9	9	0	0	1	2	0	0
Region II.....	21	19	2	0	3	5	1	0
Region III.....	27	23	1	3	4	6	1	3
Region IV.....	146	76	4	66	23	18	4	65
Region V.....	66	65	0	1	11	16	0	1
Region VI.....	120	68	31	21	19	16	28	21
Region VII.....	52	48	1	2	8	12	1	2
Region VIII.....	35	36	2	1	6	9	2	1
Region IX.....	122	46	69	7	20	11	63	7
Region X.....	22	22	0	0	4	5	0	0
Four Census Regions:								
Northeast.....	47	46	2	0	8	11	1	0
North Central.....	126	120	2	4	20	29	2	4
South.....	271	148	33	90	43	36	30	66
West.....	179	97	73	8	29	24	67	8

¹/ Includes operating a farm and unpaid family labor.

Table A-5. All hired farmworkers: Number and percentage distribution, by days of farmwork and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers					
	Total workers	Number working				
		Fewer than 25 days	25-74 days	75-149 days	150-249 days	250 days and over
		Thousands				
ALL WORKERS.....	2766	1145	652	347	290	333
Ethnic groups:						
Whites.....	2059	920	484	244	180	231
Hispanics.....	310	68	72	59	52	58
Blacks and Others.....	397	156	96	44	58	44
Primary employment status:						
Farmwork.....	762	59	53	110	233	303
Hired farmwork.....	675	17	38	99	228	294
Without nonfarm work..	540	10	24	65	171	267
With nonfarm work.....	137	7	14	32	57	27
Other farmwork 1/.....	86	42	20	13	5	9
Nonfarm work.....	458	266	126	48	16	0
Unemployed.....	60	30	24	6	1	0
Not in labor force.....	1485	790	443	183	40	31
Keeping house.....	244	145	71	22	4	3
Attending school.....	1089	566	315	151	31	27
Other.....	153	60	57	11	5	1
Sex and age:						
Males.....	2086	789	460	286	240	310
14-17 years.....	636	322	192	92	17	13
18-24 years.....	604	211	121	97	63	91
25-34 years.....	324	112	45	39	52	76
35-44 years.....	149	38	26	16	21	47
45-54 years.....	150	35	25	18	24	48
55-64 years.....	138	33	20	15	33	29
65 years and over.....	85	37	22	9	11	6
Females.....	681	355	192	61	49	23
14-17.....	162	107	56	11	6	0
18-24.....	215	111	67	20	12	5
25-34.....	106	59	26	10	5	3
35-44.....	63	27	17	8	12	5
45-54.....	53	27	6	8	4	6
55-64.....	35	14	6	4	7	5
65 and over.....	23	11	9	0	3	0
Residence:						
Farm.....	528	156	113	70	59	121
Nonfarm.....	2239	989	539	269	230	212
Migratory status:						
Migratory.....	213	66	60	53	13	21
Nonmigratory.....	2553	1078	592	294	277	313
Standard Federal Regions:						
Region I.....	77	38	24	6	3	6
Region II.....	94	28	29	17	9	11
Region III.....	110	53	19	12	6	20
Region IV.....	670	297	168	58	65	61
Region V.....	446	214	106	51	23	43
Region VI.....	440	146	106	63	52	65
Region VII.....	249	124	41	32	25	26
Region VIII.....	156	55	35	27	23	16
Region IX.....	320	78	72	46	53	69
Region X.....	204	112	53	17	9	13
Four Census Regions:						
Northeast.....	223	88	61	27	17	30
North Central.....	748	357	162	103	53	73
South.....	1130	466	284	129	137	134
West.....	645	234	146	87	80	97

See footnotes at the end of table.

Continued

Table A-5. All hired farmworkers: Number and percentage distribution, by days of farmwork and selected characteristics, 1976--Continued

Selected characteristics	Percentage distribution					
	Total workers	Percentage working				
		Fewer than 25 days	25-74 days	75-149 days	150-249 days	250 days and over
		Percent				
ALL WORKERS.....	100	41	24	13	10	12
Ethnic groups:						
Whites.....	100	45	24	12	9	11
Hispanics.....	100	22	23	19	17	19
Blacks and Others.....	100	39	24	11	15	11
Primary employment status:						
Farmwork.....	100	8	8	14	31	40
Hired farmwork.....	100	3	6	15	34	42
Without nonfarm work.....	100	2	4	13	32	49
With nonfarm work.....	100	5	10	23	42	20
Other farmwork ^{1/}	100	49	23	12	5	11
Nonfarm work.....	100	58	28	11	4	0
Unemployed.....	100	49	40	9	2	0
Not in labor force.....	100	53	30	12	3	2
Keeping house.....	100	59	25	0	2	1
Attending school.....	100	52	29	14	3	2
Other.....	100	52	37	7	3	0
Sex and age:						
Males.....	100	38	22	14	12	15
14-17.....	100	51	30	14	3	2
18-24.....	100	35	20	15	14	15
25-34.....	100	35	14	12	16	23
35-44.....	100	26	17	11	14	32
45-54.....	100	24	16	12	16	32
55-64.....	100	24	21	11	24	21
65 and over.....	100	43	26	11	13	8
Females.....	100	52	28	9	7	3
14-17.....	100	59	32	6	3	0
18-24.....	100	52	31	9	6	2
25-34.....	100	56	27	10	5	3
35-44.....	100	39	26	11	17	7
45-54.....	100	52	12	16	9	12
55-64 ^{2/}	-	-	-	-	-	-
65 and over ^{2/}	-	-	-	-	-	-
Residence:						
Farm.....	100	30	21	15	11	23
Nonfarm.....	100	44	24	12	10	9
Migratory status:						
Migratory.....	100	31	28	25	6	10
Nonmigratory.....	100	42	23	12	11	12
Standard Federal Regions:						
Region I.....	100	50	31	7	4	7
Region II.....	100	30	31	18	10	12
Region III.....	100	48	17	11	6	16
Region IV.....	100	44	25	9	13	9
Region V.....	100	48	24	14	5	10
Region VI.....	100	33	24	16	12	15
Region VII.....	100	50	17	13	10	11
Region VIII.....	100	36	23	17	15	10
Region IX.....	100	24	22	15	17	21
Region X.....	100	55	26	8	5	6
Four Census Regions:						
Northeast.....	100	39	27	12	8	13
North Central.....	100	48	22	14	7	10
South.....	100	41	25	11	12	12
West.....	100	36	23	13	13	15

^{1/} Includes operating a farm and unpaid family labor.

^{2/} Percentages not shown where base is less than 50,000 persons.

Table A-6. All hired farmworkers: Average number of days worked and earnings, by selected demographic characteristics, 1976

Selected characteristics	Number of workers	Farm and nonfarm				Farm earnings	Workers who did hired farmwork only				
		Days worked	Earnings		Daily		Annual	Number of workers	Days worked	Earnings	
			Daily	Annual						Daily	Annual
	Thou.	No.	Dollars				Thou.	No.	No.	Dol.	
ALL WORKERS.....	2766	132	20.66	2859	19.27	1652	1576	112	19.67	2197	
Ethnic groups:											
Whites.....	2059	141	20.92	2940	18.32	1532	1074	107	19.35	2547	
Hispanics.....	310	146	21.91	3266	22.91	2433	230	141	23.20	3264	
Blacks and Others.....	397	121	18.06	2171	17.37	1506	272	166	17.77	1689	
Males.....	2085	154	21.35	3293	19.43	1561	1165	128	19.67	2541	
Whites.....	1646	152	21.57	3273	19.19	1699	854	118	19.34	2266	
Hispanics.....	191	182	22.45	4084	23.63	3579	131	182	23.95	4361	
Blacks and Others.....	248	149	19.06	2837	17.59	1953	170	134	18.08	2430	
Females.....	681	90	16.78	1514	16.91	687	410	67	17.63	1222	
Whites.....	413	96	16.66	1595	15.93	717	210	63	16.88	1665	
Hispanics.....	110	90	20.35	1334	20.79	1637	59	86	21.10	1612	
Blacks and Others.....	149	73	14.44	1061	16.50	763	172	59	16.63	944	
Sex and age (all workers):											
14-17 years.....	812	62	10.77	672	12.49	328	564	46	11.98	566	
18-24 years.....	819	160	19.91	3193	16.46	1651	351	132	19.61	2517	
25-34 years.....	429	196	25.46	4997	22.43	2351	156	165	23.52	3622	
35-44 years.....	217	189	24.33	4549	20.41	2654	121	178	20.63	3712	
45-54 years.....	202	182	23.41	4268	22.55	3105	135	178	22.69	4943	
55-64 years.....	173	164	20.66	3374	21.77	2666	126	153	20.46	3117	
65 years and over.....	109	93	16.73	1549	17.16	1214	83	83	17.21	1423	
Males:											
14-17 years.....	636	66	10.79	716	12.25	354	443	50	11.54	572	
18-24 years.....	604	161	20.55	3725	18.51	1956	242	164	18.57	3173	
25-34 years.....	324	226	25.38	6024	23.55	2645	138	207	24.66	4945	
35-44 years.....	149	224	25.71	5765	22.66	3257	77	216	22.74	4427	
45-54 years.....	150	205	23.69	4864	22.25	3471	97	207	23.01	4755	
55-64 years.....	134	173	20.84	3619	20.95	2441	98	153	20.62	3361	
65 years and over.....	85	96	17.23	1659	17.36	1343	70	87	17.26	1456	
Females:											
14-17 years.....	182	49	10.67	522	13.71	434	120	35	14.31	495	
18-24 years.....	215	102	16.69	1697	17.62	794	119	62	16.28	1195	
25-34 years.....	106	97	18.97	1347	16.24	835	58	64	19.36	1243	
35-44 years 1/.....	68	113	16.77	1896	15.98	1341	45	-	-	-	
45-54 years 1/.....	53	117	22.00	2567	20.78	1675	35	-	-	-	
55-64 years 1/.....	35	-	-	-	-	-	27	-	-	-	
65 years and over 1/.....	23	-	-	-	-	-	13	-	-	-	
Household & migrant status:											
Household heads.....	1071	208	24.68	5301	22.00	2773	555	187	22.33	4176	
Migratory 1/.....	83	222	25.17	5593	25.42	2534	33	-	-	-	
Nonmigratory.....	988	206	23.99	4952	21.71	2762	522	186	22.00	4117	
Other household members:	1656	95	15.93	1568	15.69	942	1021	71	15.68	1123	
Migratory.....	131	104	17.98	1861	18.30	1037	74	78	18.60	1474	
Nonmigratory.....	1566	94	15.73	1478	15.50	930	947	71	15.44	1195	
Years of education completed by workers over 25:											
0-4 years.....	1130	177	23.23	4201	21.64	2455	661	154	21.69	3431	
5-8 years.....	178	155	19.31	2992	19.15	2566	136	162	19.04	3044	
9-11 years.....	333	153	20.77	3175	20.39	2405	232	142	20.51	2905	
12 years.....	169	174	22.67	3949	21.45	2357	91	152	23.53	3578	
13 years and over.....	279	197	25.57	5735	23.41	2643	149	176	23.35	4113	
	171	220	26.81	6337	24.21	2295	53	172	25.68	4423	

1/ Averages not shown where base is less than 50,000 persons.

Table A-7. All hired farmworkers: Average number of days worked and earnings, by selected employment characteristics, 1976

Selected characteristics	Number of workers	Farm and nonfarm				Workers who did hired farmwork only				
		Days worked	Earnings		Farm earnings		Number of workers	Days worked	Earnings	
			Daily	Annual	Daily	Annual			Daily	Annual
	Thou.	No.	Dollars				Thou.	No.	Dollars	
ALL WORKERS.....	2766	138	20.66	2659	19.27	1652	1576	112	19.60	2197
Primary employment status:										
Farmwork.....	762	217	21.61	4665	21.67	4420	602	217	21.60	4737
Hired farmwork.....	676	230	21.66	4983	21.64	4783	540	232	21.76	5054
Without nonfarm work	546	232	21.76	5054	21.76	5054	540	232	21.76	5054
With farmwork.....	137	222	21.26	4727	21.27	3713	0	0	0.00	0
Other farmwork 1/.....	86	111	20.67	2294	21.26	1549	62	87	22.61	1972
Nonfarm work.....	458	241	25.70	6204	17.91	623	0	0	0.00	0
Unemployed 2/.....	60	69	19.95	1376	17.25	619	29	-	-	-
Not in Labor Force.....	1486	69	13.72	953	13.82	591	945	47	13.31	631
Keeping house.....	244	53	15.30	617	15.26	524	172	40	14.77	588
Attending school.....	1069	73	12.60	926	13.25	599	669	51	12.67	644
Other.....	153	67	20.30	1366	16.56	643	114	38	16.28	625
Residence, sex, and days of farmwork:										
Less than 25 days.....	1145	87	22.08	1929	15.04	145	506	10	13.47	136
25-74 days.....	652	99	19.90	1962	16.22	724	349	45	15.86	713
75-149 days.....	347	142	19.42	2763	17.94	1698	223	166	17.05	1813
150-249 days.....	290	229	15.71	4500	19.49	3942	196	206	19.51	4010
250 days and over.....	333	309	20.96	6460	20.96	6392	300	306	21.20	6505
Nonfarm residence.....	2239	136	21.38	2915	16.96	1542	1194	105	16.88	2146
Less than 25 days.....	909	94	22.35	2095	14.93	144	434	10	13.00	133
25-74 days.....	539	103	20.35	2106	16.26	716	274	44	15.84	698
75-149 days.....	269	145	19.67	2659	18.43	1994	164	109	17.62	1922
150-249 days.....	230	230	20.30	4676	20.04	4058	158	207	20.05	4145
250 days and over.....	212	304	22.64	6952	22.83	6655	194	301	23.07	6936
Males:										
Less than 25 days.....	789	99	23.70	2346	15.46	150	325	10	13.41	136
25-74 days.....	460	107	21.27	2272	16.63	752	241	46	15.63	715
75-149 days.....	266	148	19.69	2921	17.79	1698	171	107	16.59	1771
150-249 days.....	240	232	20.30	4713	20.07	4255	152	205	20.19	4145
250 days and over.....	316	311	20.93	6500	20.93	6466	277	307	21.28	6530
Females:										
Less than 25 days.....	355	62	16.30	1003	14.09	135	183	10	13.57	134
25-74 days.....	192	79	15.46	1222	15.20	657	106	43	16.40	708
75 days and over.....	134	181	18.27	3298	18.59	3219	119	178	18.88	3366
Migratory status and days of farmwork:										
Migratory.....	213	150	21.41	3309	18.52	1607	107	114	18.68	2586
Less than 25 days 2/..	66	114	21.22	2422	15.64	150	21	-	-	-
25-74 days 2/.....	60	128	20.20	2587	17.01	615	24	-	-	-
75-149 days 2/.....	53	139	20.53	2784	18.98	1914	35	-	-	-
150 days and over 2/..	34	-	-	-	-	-	27	-	-	-
Nonmigratory.....	2554	137	26.79	2622	16.85	1638	1468	112	16.68	2169
Less than 25 days.....	1078	86	22.15	1899	15.00	144	496	10	13.51	136
25-149 days.....	886	111	19.63	2184	17.02	1106	512	67	16.36	1102
150-249 days.....	277	228	19.51	4447	19.32	3916	190	206	19.55	4030
250 days and over.....	313	310	20.56	6378	20.55	6284	290	307	20.65	6391

1/ Includes operating a farm and unpaid family labor.

2/ Averages not shown where base is less than 50,000 persons.

Table A-8. All hired farmworkers: Average number of days worked and earnings, by regions and racial/ethnic groups, 1976

Selected characteristics	Number of workers	Farm and nonfarm				Workers who did hired farmwork only				
		Days worked	Earnings		Farm earnings		Number of workers	Days worked	Earnings	
			Daily	Annual	Daily	Annual			Daily	Annual
	Thou.	No.	Dollars				Thou.	No.	Dollars	
ALL WORKERS.....	2767	136	20.54	2860	19.01	1651	1576	112	19.25	2197
Four Census Regions:										
Northeast.....	223	134	17.60	2275	15.36	1271	129	114	15.65	1653
Whites.....	209	135	16.37	2214	15.05	1362	124	115	15.62	1797
Hispanics 1/.....	3	-	-	-	-	-	2	-	-	-
Blacks and Others 1/.....	11	-	-	-	-	-	4	-	-	-
North Central.....	748	142	21.74	3055	18.04	1317	371	96	18.17	1746
Whites.....	721	144	21.69	3120	17.37	1309	352	96	17.93	1749
Hispanics 1/.....	15	-	-	-	-	-	13	-	-	-
Blacks and Others 1/.....	11	-	-	-	-	-	5	-	-	-
South.....	1150	131	19.00	2497	16.04	1547	693	100	17.84	1947
Whites.....	663	136	19.96	2707	18.51	1487	373	107	18.12	1938
Hispanics.....	128	132	18.35	2422	18.96	2041	87	123	18.86	2313
Blacks and Others.....	339	121	17.32	2101	16.74	1460	233	107	17.61	1625
West.....	645	148	23.11	3436	23.13	2322	383	172	24.13	3203
Whites.....	446	146	22.93	3345	22.49	1933	224	120	23.71	2834
Hispanics.....	162	165	23.60	3947	24.99	3538	109	161	25.18	4743
Blacks and Others 1/.....	37	-	-	-	-	-	30	-	-	-
Standard Federal Regions:										
Region I 1/.....	77	117	17.56	2048	14.31	843	36	-	-	-
Whites 1/.....	75	118	17.61	2079	14.35	841	37	-	-	-
Hispanics.....	0	0	0.00	0	0.00	0	0	0	0.00	0
Blacks and Others 1/.....	2	-	-	-	-	-	2	-	-	-
Region II.....	94	126	16.53	2114	17.56	1657	61	119	18.63	2250
Whites.....	88	128	15.54	2035	16.53	1570	60	116	17.72	2064
Hispanics 1/.....	3	-	-	-	-	-	2	-	-	-
Blacks and Others 1/.....	3	-	-	-	-	-	0	-	-	-
Region III.....	110	156	20.14	3151	16.12	1490	63	114	17.10	1945
Whites 1/.....	87	166	19.63	3265	15.76	1599	49	-	-	-
Hispanics 1/.....	1	-	-	-	-	-	1	-	-	-
Blacks and Others 1/.....	22	-	-	-	-	-	13	-	-	-
Region IV.....	670	119	18.27	2180	17.23	1352	411	97	17.15	1652
Whites.....	389	117	19.00	2224	17.72	1263	221	90	17.36	1634
Hispanics 1/.....	14	-	-	-	-	-	12	-	-	-
Blacks and Others.....	267	122	16.89	2053	16.03	1379	178	113	16.22	1674
Region V.....	446	145	21.92	3194	16.97	1191	208	97	17.60	1654
Whites.....	433	148	22.04	3272	17.53	1219	198	102	17.62	1728
Hispanics 1/.....	9	-	-	-	-	-	6	-	-	-
Blacks and Others 1/.....	5	-	-	-	-	-	2	-	-	-
Region VI.....	440	148	19.49	2686	19.00	1502	256	132	18.62	2453
Whites.....	260	161	20.17	3247	19.10	1843	132	139	18.54	2567
Hispanics.....	124	133	17.90	2372	18.51	1936	80	121	18.28	2218
Blacks and Others 1/.....	36	122	19.16	2343	19.57	2103	44	-	-	-
Region VII.....	249	143	21.74	3117	19.69	1542	131	98	20.22	1986
Whites.....	240	142	21.43	3050	19.37	1492	126	95	19.76	1880
Hispanics 1/.....	5	-	-	-	-	-	3	-	-	-
Blacks and Others 1/.....	4	-	-	-	-	-	2	-	-	-
Region VIII.....	156	153	19.20	2930	17.98	1634	76	119	17.30	2065
Whites.....	144	154	19.17	2945	17.83	1673	70	119	17.61	2070
Hispanics 1/.....	6	-	-	-	-	-	4	-	-	-
Blacks and Others 1/.....	4	-	-	-	-	-	2	-	-	-
Region IX.....	320	165	24.88	4090	25.30	3219	224	159	25.81	4102
Whites.....	151	168	25.90	4346	25.91	2856	85	159	27.17	4304
Hispanics.....	145	166	24.22	4032	25.20	3694	119	162	25.31	4099
Blacks and Others 1/.....	25	-	-	-	-	-	20	-	-	-
Region X.....	204	109	22.71	2481	21.73	1133	126	69	22.42	1550
Whites.....	192	113	22.82	2588	21.73	1160	96	73	22.42	1647
Hispanics 1/.....	1	-	-	-	-	-	1	-	-	-
Blacks and Others 1/.....	11	-	-	-	-	-	9	-	-	-

1/ Averages not shown where base is less than 50,000 persons.

Table A-9. Hired farmworkers who did both farm and nonfarm work: Average number of days worked and earnings, by selected demographic characteristics, 1976

Selected characteristics	Number of workers	Farmwork				Nonfarm work				All work			
		Average days worked	Earnings		Average days worked	Earnings		Average days worked	Earnings				
			Daily	Annual		Daily	Annual		Daily	Annual			
	Thou.	No.	Dollars		No.	Dollars		No.	Dollars		No.	Dollars	
ALL WORKERS.....	1191	51	18.36	529	122	22.92	2807	173	21.57	3736			
Ethnic group and sex:													
Whites.....	986	50	18.27	900	127	23.64	3005	177	22.13	3913			
Hispanics.....	80	74	21.34	1584	39	16.49	1462	163	18.70	3047			
Blacks and Others.....	125	44	15.26	674	107	19.62	2109	152	18.35	2783			
Males.....	920	58	16.73	1092	153	24.25	3168	188	22.66	4259			
Whites.....	782	56	18.84	1050	133	24.90	3322	189	23.12	4372			
Hispanics.....	60	65	21.95	1870	36	16.85	1609	181	19.25	3479			
Blacks and Others.....	78	60	15.19	911	121	23.37	2817	160	20.66	3728			
Females.....	271	26	14.29	278	97	16.06	1579	124	15.77	1957			
Whites.....	203	27	13.65	363	103	17.35	1783	129	16.59	2146			
Hispanics 1/.....	20	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	47	-	-	-	-	-	-	-	-	-			
Sex and age:													
14-17 years.....	254	33	14.07	466	65	7.18	466	98	9.56	932			
18-24 years.....	468	57	17.55	1007	124	21.71	2699	182	20.39	3706			
25-34 years.....	233	54	19.83	1663	159	26.89	4674	222	26.70	5936			
35-44 years.....	96	63	20.66	1311	140	31.70	4331	203	27.58	5612			
45-54 years.....	67	43	21.36	910	148	25.75	3810	191	24.78	4721			
55-64 years 1/.....	47	-	-	-	-	-	-	-	-	-			
65 years and over 1/.....	26	-	-	-	-	-	-	-	-	-			
Males:													
14-17 years.....	193	35	14.52	513	69	7.66	532	105	9.98	1045			
18-24 years.....	362	66	19.01	1191	127	23.23	2952	193	21.44	4142			
25-34 years.....	185	61	20.35	1246	183	30.37	5551	244	27.66	6759			
35-44 years.....	72	75	21.17	1579	158	32.75	5188	233	29.05	6767			
45-54 years.....	53	50	21.86	1102	152	26.00	3963	203	24.97	5065			
55-64 years 1/.....	39	-	-	-	-	-	-	-	-	-			
65 years and over 1/.....	16	-	-	-	-	-	-	-	-	-			
Females:													
14-17 years.....	61	26	12.14	315	51	5.09	260	77	7.47	575			
18-24 years.....	106	28	13.75	378	115	15.95	1836	143	15.53	2214			
25-34 years 1/.....	48	-	-	-	-	-	-	-	-	-			
35-44 years 1/.....	24	-	-	-	-	-	-	-	-	-			
45-54 years 1/.....	14	-	-	-	-	-	-	-	-	-			
55-64 years 1/.....	8	-	-	-	-	-	-	-	-	-			
65 years and over 1/.....	10	-	-	-	-	-	-	-	-	-			
Household & migrant status:													
Household heads.....	516	61	20.72	1269	169	27.39	4619	230	25.61	5889			
Migratory.....	50	63	23.82	1500	177	24.89	4416	240	24.61	5816			
Nonmigratory.....	466	61	20.39	1245	168	27.66	4641	229	25.72	5886			
Other household members:	675	43	15.64	669	87	16.30	1421	130	16.09	2090			
Migratory.....	56	37	15.76	567	100	17.95	1789	137	17.36	2376			
Nonmigratory.....	619	43	15.63	677	85	16.15	1358	129	15.57	2064			
Years of education completed by workers over 25:	469	54	20.80	1103	152	26.70	4133	206	25.19	5287			
0-4 years 1/.....	42	-	-	-	-	-	-	-	-	-			
5-8 years.....	101	63	19.76	1255	115	22.07	2539	179	21.26	3795			
9-11 years.....	76	61	15.46	944	139	24.74	3433	200	21.91	4377			
12 years.....	129	40	23.49	944	181	28.49	5157	221	27.58	6101			
13 years and over.....	118	60	22.32	1341	161	32.30	5856	241	29.81	7197			

1/ Averages not shown where base is less than 50,000 persons.

Table A-10. Hired farmworkers who did both farm and nonfarm work: Average number of days worked and earnings, by selected employment characteristics, 1976.

Selected characteristics	Number of workers	Farmwork				Nonfarm work				All work			
		Average days worked	Earnings		Average days worked	Earnings		Average days worked	Earnings				
			Daily	Annual		Daily	Annual		Daily	Annual			
Thou.	No.	Dollars		No.	Dollars		No.	Dollars					
ALL WORKERS.....	1191	51	18.30	929	122	22.92	2877	173	21.57	3735			
Primary employment status:													
Farmwork.....	160	154	20.97	3231	61	20.66	1262	215	20.88	4492			
Hired farmwork.....	137	175	21.27	3713	48	21.22	1014	222	21.26	4727			
Without nonfarm work:	0	0	0.00	0	0	0.00	0	0	0.00	0			
With farm work.....	137	175	21.27	3713	48	21.22	1014	222	21.26	4727			
Other farmwork 1/ 2/..	24	-	-	-	-	-	-	-	-	-			
Nonfarm work.....	456	35	17.91	623	216	27.11	5582	241	25.78	6204			
Unemployed 2/.....	32	-	-	-	-	-	-	-	-	-			
Not in labor force.....	541	35	15.05	521	73	13.55	995	108	14.03	1513			
Keeping house.....	72	21	17.45	370	64	15.59	995	85	16.06	1363			
Attending school.....	420	36	14.53	520	73	11.57	847	110	12.55	1375			
Other 2/.....	47	-	-	-	-	-	-	-	-	-			
Residence, sex and days of farmwork:													
All workers:													
Less than 25 days.....	637	9	16.41	152	140	20.96	3205	149	22.55	3357			
25-74 days.....	303	44	16.65	737	116	22.94	2664	160	21.21	3400			
75-149 days.....	124	105	19.55	2050	102	23.72	2413	207	21.60	4463			
150-249 days.....	93	196	19.43	3799	82	21.42	1753	277	20.02	5552			
250 days and over 2/..	33	-	-	-	-	-	-	-	-	-			
Nonfarm residence.....	1045	46	17.11	853	127	23.20	2942	172	22.16	3795			
Less than 25 days.....	585	9	16.38	152	142	23.20	3298	151	22.78	3457			
25-74 days.....	265	44	16.70	734	121	23.39	2827	165	21.00	3569			
75-149 days.....	105	107	19.72	2116	96	23.26	2222	202	21.39	4328			
150-249 days.....	72	153	20.00	3867	83	22.25	1977	282	20.71	5844			
250 days and over 2/..	18	-	-	-	-	-	-	-	-	-			
Males:													
Less than 25 days.....	465	9	17.03	159	152	24.60	3730	161	24.16	3850			
25-74 days.....	219	45	17.76	793	129	24.68	3167	174	22.50	3979			
75-149 days.....	115	105	19.57	2061	105	24.48	2560	210	22.02	4621			
150-249 days.....	49	196	19.86	3901	83	21.79	1600	279	20.43	5710			
250 days and over 2/..	33	-	-	-	-	-	-	-	-	-			
Females:													
Less than 25 days.....	172	9	14.67	135	107	16.71	1790	116	16.54	1925			
25-74 days.....	84	43	13.67	591	82	15.76	1296	125	15.05	1856			
75 days and over 2/..	15	-	-	-	-	-	-	-	-	-			
Migratory status and duration of hired farmwork:													
Migratory.....	106	49	18.56	1017	136	22.31	3025	186	21.60	4042			
Less than 25 days 2/..	45	-	-	-	-	-	-	-	-	-			
25-74 days 2/.....	36	-	-	-	-	-	-	-	-	-			
75-149 days 2/.....	18	-	-	-	-	-	-	-	-	-			
150 days and over 2/..	7	-	-	-	-	-	-	-	-	-			
Nonmigratory.....	1085	51	17.15	921	121	22.91	2785	172	21.82	3706			
Less than 25 days.....	592	9	16.32	152	139	23.56	3195	148	22.64	3347			
25-149 days.....	374	62	18.02	1112	110	23.28	2555	171	21.39	3668			
150-249 days.....	87	195	16.81	3667	51	21.00	1690	275	19.45	5357			
250 days and over 2/..	33	-	-	-	-	-	-	-	-	-			

1/ Includes operating a farm and unpaid family labor.

2/ Averages not shown where base is less than 50,000 persons.

Table A-11. Hired farmworkers who did both farm and nonfarm work: Average number of days worked and earnings, by regions and racial/ethnic groups, 1976

Selected characteristics	Number of workers	Farmwork				Nonfarm work				All work			
		Average days worked	Earnings		Average days worked	Earnings		Average days worked	Earnings				
			Daily	Annual		Daily	Annual		Daily	Annual			
Thou.	No.	Dollars		No.	Dollars		No.	Dollars					
ALL WORKERS.....	1151	51	18.23	929	122	22.61	2867	173	21.43	3736			
Four Census Regions:													
Northeast.....	94	53	13.63	706	139	19.68	2148	161	17.76	2856			
Whites.....	85	55	13.31	726	113	19.32	2092	164	17.13	2818			
Hispanics 1/.....	2	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	7	-	-	-	-	-	-	-	-	-			
North Central.....	378	50	17.76	896	137	25.58	3521	188	23.53	4417			
Whites.....	369	50	17.76	888	138	25.65	3544	188	23.55	4432			
Hispanics 1/.....	4	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	5	-	-	-	-	-	-	-	-	-			
South.....	457	51	18.53	940	114	20.76	2391	164	20.18	3331			
Whites.....	310	48	19.52	943	122	22.08	2647	170	21.35	3632			
Hispanics 1/.....	41	-	-	-	-	-	-	-	-	-			
Blacks and Others.....	105	47	15.34	715	106	18.87	1995	152	17.79	2710			
West.....	262	51	20.02	1036	121	22.58	2737	172	21.92	3775			
Whites.....	222	49	19.51	961	123	23.64	2902	172	22.46	3863			
Hispanics 1/.....	34	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	7	-	-	-	-	-	-	-	-	-			
Standard Federal Regions:													
Region I 1/.....	39	-	-	-	-	-	-	-	-	-			
Whites 1/.....	39	-	-	-	-	-	-	-	-	-			
Hispanics.....	0	0	0.00	0	0	0.00	0	0	0.00	0			
Blacks and Others.....	0	0	0.00	0	0	0.00	0	0	0.00	0			
Region II 1/.....	33	-	-	-	-	-	-	-	-	-			
Whites 1/.....	28	-	-	-	-	-	-	-	-	-			
Hispanics 1/.....	2	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	3	-	-	-	-	-	-	-	-	-			
Region III 1/.....	47	-	-	-	-	-	-	-	-	-			
Whites 1/.....	36	-	-	-	-	-	-	-	-	-			
Hispanics.....	0	0	0.00	0	0	0.00	0	0	0.00	0			
Blacks and Others 1/.....	9	-	-	-	-	-	-	-	-	-			
Region IV.....	259	49	17.49	862	136	20.27	2143	155	19.38	3005			
Whites.....	169	47	18.63	883	105	21.01	2217	153	20.26	3160			
Hispanics 1/.....	2	-	-	-	-	-	-	-	-	-			
Blacks and Others.....	88	51	15.25	783	107	18.96	2036	159	17.76	2819			
Region V.....	238	46	16.90	786	141	26.52	3752	188	24.14	4538			
Whites.....	235	46	17.04	789	142	26.71	3784	188	24.33	4573			
Hispanics 1/.....	1	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	3	-	-	-	-	-	-	-	-	-			
Region VI.....	184	56	20.24	1136	115	20.51	2352	171	20.42	3488			
Whites.....	128	53	20.72	1093	131	21.74	2859	184	21.45	3952			
Hispanics 1/.....	45	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	12	-	-	-	-	-	-	-	-	-			
Region VII.....	117	56	18.67	1053	138	24.21	3330	194	22.60	4383			
Whites.....	114	57	18.67	1062	138	23.66	3289	195	22.34	4349			
Hispanics 1/.....	2	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	1	-	-	-	-	-	-	-	-	-			
Region VIII.....	80	69	19.05	1320	116	21.13	2449	185	20.35	3769			
Whites.....	74	70	18.52	1292	116	21.27	2477	186	20.24	3768			
Hispanics 1/.....	4	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	2	-	-	-	-	-	-	-	-	-			
Region IX.....	97	54	21.83	1173	124	23.45	2912	178	22.98	4080			
Whites.....	66	49	20.65	1005	131	23.38	3394	180	24.47	4399			
Hispanics 1/.....	28	-	-	-	-	-	-	-	-	-			
Blacks and Others 1/.....	5	-	-	-	-	-	-	-	-	-			
Region X.....	98	34	20.22	682	119	23.60	2807	153	22.85	3489			
Whites.....	96	34	20.24	688	119	23.80	2836	153	23.01	3523			
Hispanics.....	0	0	0.00	0	0	0.00	0	0	0.00	0			
Blacks and Others 1/.....	2	-	-	-	-	-	-	-	-	-			

1/ Averages not shown where base is less than 50,000 persons.

Table A-12. All hired farmworkers: Percentage distribution of daily farm earnings, by selected characteristics and regions, 1976

Selected characteristics	Number of workers	Daily farm earnings								
		Less than \$8.00	\$8.00-10.99	\$11.00-13.99	\$14.00-16.99	\$17.00-19.99	\$20.00-22.99	\$23.00-25.99	\$26.00 and over	Median earnings
		Thou.	Percent							
ALL WORKERS.....	2766	15	14	10	15	3	13	8	15	15.86
Ethnic group and sex:										
Whites.....	2059	16	15	9	17	7	12	6	15	15.50
Hispanics.....	310	10	6	7	12	10	16	14	25	20.97
Blacks and Others.....	397	17	15	15	17	11	15	6	6	14.57
Males.....	2065	15	13	9	16	8	14	8	17	16.46
Whites.....	1646	16	14	9	17	7	13	8	17	16.69
Hispanics.....	191	8	4	7	10	12	17	13	23	21.51
Blacks and Others.....	243	15	12	12	18	10	20	6	8	15.91
Females.....	681	16	20	13	18	8	8	5	8	14.13
Whites.....	413	16	22	13	19	6	7	7	8	13.75
Hispanics.....	119	12	10	7	15	6	15	16	15	15.81
Blacks and Others.....	149	21	19	20	15	12	6	5	2	12.44
Primary employment status:										
Farmwork.....	762	5	7	6	14	11	17	12	28	21.14
Hired farmwork.....	676	5	5	6	14	12	19	12	28	21.35
Without nonfarm work.....	540	4	6	6	14	11	19	11	29	21.51
With nonfarm work.....	137	6	5	9	11	15	18	14	23	20.74
Other farmwork 1/.....	86	12	16	5	21	5	3	13	24	16.33
Nonfarm work.....	456	13	13	10	14	8	15	10	17	16.30
Unemployed.....	60	5	15	12	21	14	11	10	11	16.46
Not in labor force.....	1486	22	19	12	19	6	10	6	8	13.41
Keeping house.....	244	13	21	18	21	5	8	8	7	13.70
Attending school.....	1089	26	19	11	16	6	10	5	6	12.50
Other.....	153	10	15	8	24	12	15	7	9	16.60
Age:										
14-17 years.....	818	29	19	11	18	6	8	4	5	11.61
18-24 years.....	619	12	13	8	16	10	16	9	16	17.26
25-34 years.....	429	9	10	6	16	9	13	14	21	19.31
35-44 years.....	217	6	12	13	16	5	16	8	23	18.46
45-54 years.....	202	5	11	10	16	11	16	6	24	19.39
55-64 years.....	173	8	14	10	16	7	16	4	21	18.03
65 years and over.....	109	17	17	13	17	7	8	10	11	14.44
Duration of farmwork:										
Less than 25 days.....	1145	20	19	11	19	5	10	7	10	14.07
25-74 days.....	652	14	16	11	20	10	11	7	12	15.35
75-149 days.....	347	15	11	9	12	10	18	9	16	18.97
150-249 days.....	290	12	6	6	13	13	17	15	18	19.78
250 days and over.....	333	8	7	9	10	8	15	9	25	21.78
Household and migrant status:										
Household heads.....	1071	8	10	3	15	8	16	11	24	19.84
Migratory.....	83	2	9	3	8	13	24	14	27	21.66
Nonmigratory.....	988	8	10	9	16	8	15	10	23	19.67
Other household members.....	1696	20	17	11	17	8	11	7	9	14.29
Migratory.....	130	24	16	9	17	9	7	7	17	15.31
Nonmigratory.....	1566	20	17	11	17	8	11	6	9	14.21

See footnote at the end of table.

Continued

Table A-12. All hired farmworkers: Percentage distribution of daily farm earnings, by selected characteristics and regions, 1976--continued

Selected characteristics	Number of workers	Daily farm earnings								
		Less than \$8.00	\$8.00-10.99	\$11.00-13.99	\$14.00-16.99	\$17.00-19.99	\$20.00-22.99	\$23.00-25.99	\$26.00 and over	Median earnings
		Thou.	Percent							Dol.
Four Census Regions:										
Northeast.....	223	16	22	8	27	8	7	5	6	14.48
Whites.....	209	16	23	8	25	8	8	5	6	14.33
Hispanics 2/.....	3	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	11	-	-	-	-	-	-	-	-	-
North Central.....	740	19	17	9	16	7	12	10	11	15.09
Whites.....	721	19	16	9	16	7	12	10	11	15.06
Hispanics 2/.....	16	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	11	-	-	-	-	-	-	-	-	-
South.....	1150	16	15	13	15	9	13	5	10	14.94
Whites.....	683	15	17	13	13	7	12	5	12	14.84
Hispanics.....	128	20	9	6	14	14	13	6	16	17.49
Blacks and Others.....	339	16	15	16	16	10	16	5	4	14.38
West.....	640	11	7	7	11	8	15	12	30	21.39
Whites.....	446	13	8	5	11	8	14	10	30	20.84
Hispanics.....	152	3	2	9	9	8	18	19	32	23.14
Blacks and Others 2/.....	37	-	-	-	-	-	-	-	-	-
Standard Federal Regions:										
Region I.....	77	15	18	11	24	7	11	5	8	14.63
Whites.....	75	16	19	12	22	7	11	5	6	14.52
Hispanics.....	0	0	0	0	0	0	0	0	0	0.00
Blacks and Others 2/.....	2	-	-	-	-	-	-	-	-	-
Region II.....	94	17	22	6	29	5	3	5	10	14.30
Whites.....	88	18	24	7	29	4	4	5	9	14.11
Hispanics 2/.....	3	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	3	-	-	-	-	-	-	-	-	-
Region III.....	110	23	20	6	16	11	11	8	5	14.05
Whites.....	87	22	21	5	14	13	13	8	4	14.58
Hispanics 2/.....	1	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	22	-	-	-	-	-	-	-	-	-
Region IV.....	670	16	17	16	20	9	11	2	8	14.08
Whites.....	389	15	20	14	24	6	8	2	11	14.16
Hispanics 2/.....	14	-	-	-	-	-	-	-	-	-
Blacks and Others.....	267	16	14	20	15	12	16	1	3	13.72
Region V.....	446	22	17	9	15	6	12	9	9	14.26
Whites.....	433	23	17	9	15	6	11	9	10	14.23
Hispanics 2/.....	9	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	5	-	-	-	-	-	-	-	-	-
Region VI.....	440	14	12	9	15	9	16	10	15	16.97
Whites.....	260	12	13	12	13	6	17	6	16	16.83
Hispanics.....	124	20	9	7	15	13	12	9	15	16.75
Blacks and Others.....	56	7	16	0	23	5	20	23	8	19.94
Region VII.....	249	14	16	6	20	7	12	11	12	15.81
Whites.....	240	15	15	5	20	7	12	11	12	15.74
Hispanics 2/.....	5	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	4	-	-	-	-	-	-	-	-	-
Region VIII.....	156	12	11	7	15	10	16	15	14	18.50
Whites.....	144	12	11	7	14	10	17	16	13	18.68
Hispanics 2/.....	8	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	4	-	-	-	-	-	-	-	-	-
Region IX.....	320	6	4	6	11	7	15	12	39	23.18
Whites.....	151	10	6	5	12	4	12	3	47	23.42
Hispanics.....	145	2	2	7	9	8	20	20	33	23.49
Blacks and Others 2/.....	25	-	-	-	-	-	-	-	-	-
Region X.....	204	17	10	7	7	9	14	12	25	20.05
Whites.....	152	15	9	7	8	9	13	12	26	20.41
Hispanics 2/.....	1	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	11	-	-	-	-	-	-	-	-	-

1/ Includes operating a farm and unpaid family labor.

2/ Percentages and medians not shown where base is less than 50,000 persons.

Table A-13. All hired farmworkers: Percentage distribution of total annual earnings, by selected characteristics and regions, 1976

Selected characteristics	Number of workers	Total annual earnings								Median earnings
		Less than \$500	\$500-999	\$1,000-2,499	\$2,500-3,999	\$4,000-5,499	\$5,500-7,499	\$7,500-9,999	\$10,000 and over	
		Thou.	Percent							
ALL WORKERS.....	2766	29	13	19	10	9	7	6	6	1641
Ethnic group and sex:										
Whites.....	2059	30	13	20	9	8	7	7	7	1590
Hispanics.....	317	19	14	18	14	13	12	5	5	2441
Blacks and Others.....	397	32	13	20	13	12	6	2	2	1349
Males.....	2065	24	12	19	10	11	9	7	8	2149
Whites.....	1646	26	12	19	9	9	8	8	9	1932
Hispanics.....	131	11	12	18	11	14	18	9	8	3752
Blacks and Others.....	248	23	13	17	16	17	5	2	4	2274
Females.....	681	42	16	21	10	5	2	2	1	739
Whites.....	413	43	16	21	8	4	3	3	2	709
Hispanics.....	119	32	18	17	12	12	2	0	1	1701
Blacks and Others.....	149	48	14	24	6	4	0	1	0	563
Primary employment status:										
Farmwork.....	762	7	4	14	16	19	17	13	7	4664
Hired farmwork.....	676	3	4	14	19	20	19	14	7	4772
Without nonfarm work.....	543	3	4	12	20	20	20	14	7	4642
With nonfarm work.....	137	2	2	22	10	23	19	10	8	4532
Other farmwork 1/.....	86	43	9	16	10	9	1	5	7	668
Nonfarm work.....	456	1	4	14	12	18	13	13	26	5721
Unemployed.....	60	24	27	32	10	4	2	0	0	570
Not in labor force.....	1436	49	20	23	5	2	1	1	0	530
Keeping house.....	244	54	16	23	5	1	1	1	0	461
Attending school.....	1089	48	21	23	5	2	1	0	0	555
Other.....	153	49	15	22	5	6	0	3	2	550
Age:										
14-17 years.....	818	57	22	16	4	1	0	0	0	438
18-24 years.....	819	15	11	26	12	13	10	7	4	2288
25-34 years.....	429	14	7	13	10	14	12	11	15	4664
35-44 years.....	217	16	7	14	15	17	8	6	14	3636
45-54 years.....	202	15	8	17	15	10	13	10	13	3529
55-64 years.....	173	18	6	20	18	14	8	11	3	2796
65 years and over.....	109	46	12	22	4	8	5	2	0	668
Duration of farmwork:										
Less than 25 days.....	1145	56	9	14	3	5	3	4	7	449
25-74 days.....	652	20	33	25	7	5	3	3	4	948
75-149 days.....	347	7	10	44	20	9	4	2	4	2111
150-249 days.....	290	0	2	16	26	32	16	6	3	4294
250 days and over.....	333	1	0	6	12	15	27	23	16	6682
Household and migrant status:										
Household heads.....	1071	12	5	14	11	15	15	12	15	4771
Migratory.....	83	5	4	16	17	3	15	11	22	5218
Nonmigratory.....	988	12	5	14	11	16	14	13	15	4732
Other household members.....	1696	40	18	23	9	5	3	2	1	811
Migratory.....	130	31	12	29	17	6	3	1	2	1371
Nonmigratory.....	1566	40	18	22	6	5	3	2	1	764

See footnotes at the end of table.

Continued

Table A-13. All hired farmworkers: Percentage distribution of total annual earnings, by selected characteristics and regions, 1976--continued

Selected characteristics	Number of workers	Total annual earnings								
		Less than \$500	\$500-999	\$1,000-2,499	\$2,500-3,999	\$4,000-5,499	\$5,500-7,499	\$7,500-9,999	\$10,000 and over	Median earnings
		Thou.	Percent							Dol.
Four Census Regions:										
Northeast.....	223	39	17	21	9	11	6	3	2	1184
Whites.....	209	30	17	21	9	12	7	3	1	1195
Hispanics 2/.....	3	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	11	-	-	-	-	-	-	-	-	-
North Central.....	748	33	10	20	6	7	6	8	10	1516
Whites.....	721	32	10	20	6	7	5	9	10	1548
Hispanics 2/.....	16	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	11	-	-	-	-	-	-	-	-	-
South.....	1156	31	13	20	11	10	7	3	4	1471
Whites.....	683	32	12	20	9	9	8	5	6	1474
Hispanics.....	128	24	17	23	15	8	7	2	3	1632
Blacks and Others.....	337	32	13	21	14	13	5	1	1	1396
West.....	645	20	15	16	13	11	10	4	7	2410
Whites.....	446	22	15	17	12	8	8	9	8	2096
Hispanics.....	162	11	13	15	15	17	16	6	7	3761
Blacks and Others 2/.....	37	-	-	-	-	-	-	-	-	-
Standard Federal Regions:										
Region I.....	77	34	24	17	3	7	6	6	2	835
Whites.....	75	35	22	18	5	7	6	6	2	846
Hispanics.....	0	0	0	0	0	0	0	0	0	0
Blacks and Others 2/.....	2	-	-	-	-	-	-	-	-	-
Region II.....	94	27	19	27	8	9	5	3	2	1228
Whites.....	83	27	20	23	7	9	6	2	2	1142
Hispanics 2/.....	3	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	3	-	-	-	-	-	-	-	-	-
Region III.....	110	32	8	11	9	20	9	4	7	2425
Whites.....	97	31	6	11	10	19	12	5	5	2708
Hispanics 2/.....	1	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	22	-	-	-	-	-	-	-	-	-
Region IV.....	670	35	14	20	11	9	5	3	3	1069
Whites.....	389	38	15	19	8	7	6	3	5	913
Hispanics 2/.....	14	-	-	-	-	-	-	-	-	-
Blacks and Others.....	267	32	13	22	13	12	4	1	2	1315
Region V.....	446	34	10	20	5	6	5	9	11	1486
Whites.....	433	33	10	20	5	6	5	9	12	1560
Hispanics 2/.....	9	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	5	-	-	-	-	-	-	-	-	-
Region VI.....	440	24	11	23	12	11	10	4	5	1973
Whites.....	260	22	8	24	12	12	9	5	8	2257
Hispanics.....	124	24	18	25	9	8	10	2	3	1451
Blacks and Others.....	56	31	10	16	19	10	13	2	0	1826
Region VII.....	249	32	9	21	7	8	6	8	9	1644
Whites.....	240	32	9	21	7	8	5	8	9	1608
Hispanics 2/.....	5	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	4	-	-	-	-	-	-	-	-	-
Region VIII.....	156	21	16	20	13	11	10	5	4	1950
Whites.....	144	20	17	21	12	11	10	5	4	1934
Hispanics 2/.....	8	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	4	-	-	-	-	-	-	-	-	-
Region IX.....	320	12	14	14	13	15	11	11	10	3573
Whites.....	151	16	14	14	9	12	7	17	12	3501
Hispanics.....	145	9	13	14	15	19	16	6	8	3857
Blacks and Others 2/.....	25	-	-	-	-	-	-	-	-	-
Region X.....	294	32	16	18	12	4	8	5	5	1147
Whites.....	192	30	17	18	13	4	8	5	6	1285
Hispanics 2/.....	1	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	11	-	-	-	-	-	-	-	-	-

1/ Includes operating a farm and unpaid family labor.

2/ Percentages and medians not shown where base is less than 50,000 persons.

Table A-14. All hired farmworkers: Percentage distribution of annual farm earnings, by selected characteristics and regions, 1976

Selected characteristics	Number of workers	Total annual farm earnings								
		Less than \$500	\$500-999	\$1,000-2,499	\$2,500-3,999	\$4,000-5,499	\$5,500-7,499	\$7,500-9,999	\$10,000 and over	Median earnings
		Thou.	Percent							
ALL WORKERS.....	2756	50	13	15	7	5	5	3	2	513
Ethnic group and sex:										
Whites.....	2659	54	13	14	6	4	4	3	2	467
Hispanics.....	310	27	13	12	12	12	9	5	5	152
Blacks and Others.....	397	47	15	14	12	5	5	3	1	597
Males.....	2685	45	13	16	7	6	6	4	3	633
Whites.....	1646	49	13	16	5	5	5	4	2	521
Hispanics.....	191	20	16	20	9	14	12	8	4	2536
Blacks and Others.....	248	37	15	16	16	7	8	5	2	941
Females.....	661	63	15	10	5	4	1	1	3	397
Whites.....	413	70	14	8	4	2	1	1	0	358
Hispanics.....	119	37	16	16	15	11	2	0	1	856
Blacks and Others.....	149	64	14	12	6	2	0	1	0	369
Primary employment status:										
Farmwork.....	762	10	6	14	19	17	15	11	7	4125
Hired farmwork.....	676	3	5	14	22	19	18	12	7	4452
Without nonfarm work.....	540	3	4	12	20	20	20	14	7	4542
With nonfarm work.....	137	5	10	22	26	15	12	4	6	3244
Other farmwork 1/.....	86	62	10	11	4	1	0	2	7	415
Nonfarm work.....	458	66	14	15	3	0	0	0	0	378
Unemployed.....	60	45	36	19	3	0	0	0	0	564
Not in labor force.....	1485	65	16	15	3	1	0	0	0	364
Keeping house.....	244	69	14	13	4	1	0	0	0	262
Attending school.....	1689	65	17	15	2	1	0	0	0	365
Other.....	153	61	15	22	2	1	0	0	0	410
Age:										
14-17 years.....	818	67	17	12	2	0	0	0	0	371
18-24 years.....	819	46	13	19	5	6	6	2	1	657
25-34 years.....	425	44	10	13	8	7	8	6	4	756
35-44 years.....	217	36	11	10	15	10	6	5	6	1375
45-54 years.....	202	34	9	15	10	6	11	8	6	1632
55-64 years.....	173	30	12	16	15	10	5	9	0	1760
65 years and over.....	109	55	15	15	4	5	3	2	0	457
Duration of farmwork:										
Less than 25 days.....	1145	97	3	3	0	0	0	0	0	258
25-74 days.....	652	35	43	21	0	0	0	0	0	672
75-149 days.....	347	6	11	56	21	3	1	0	0	1219
150-249 days.....	230	1	4	19	30	28	13	4	1	3621
250 days and over.....	333	1	1	7	12	15	27	23	15	6597
Household and migrant status:										
Household heads.....	1671	36	10	14	9	5	9	7	5	1361
Migratory.....	83	27	9	29	9	5	7	6	7	1724
Nonmigratory.....	968	37	10	13	9	9	10	7	4	1352
Other household members.....	1695	58	15	15	5	3	2	1	0	431
Migratory.....	130	53	11	22	10	2	1	0	1	475
Nonmigratory.....	1565	59	16	13	5	3	2	1	0	427

See footnotes at end of table.

Continued

Table A-14. All hired farmworkers: Percentage distribution of annual farm earnings, by selected characteristics and regions, 1976--continued.

Selected characteristics	Number of workers	Total annual farm earnings								Median earnings
		Less than \$500	\$500-999	\$1,000-2,499	\$2,500-3,999	\$4,000-5,499	\$5,500-7,499	\$7,500-9,999	\$10,000 and over	
		Thou.	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Dol.
Four Census Regions:										
Northeast.....	223	53	15	12	8	5	3	2	1	474
Whites.....	209	53	15	12	8	6	4	1	1	472
Hispanics 2/.....	3	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	11	-	-	-	-	-	-	-	-	-
North Central.....	746	58	12	14	4	4	4	3	1	433
Whites.....	721	58	12	14	4	4	4	3	1	434
Hispanics 2/.....	16	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	11	-	-	-	-	-	-	-	-	-
South.....	1150	50	13	13	3	5	4	2	2	496
Whites.....	663	55	12	14	6	5	4	3	2	452
Hispanics.....	126	33	13	26	10	6	6	1	3	1222
Blacks and Others.....	359	47	14	13	13	6	4	0	1	608
West.....	645	38	15	16	8	6	7	6	4	965
Whites.....	446	45	15	17	6	3	5	7	2	672
Hispanics.....	162	18	12	14	14	17	11	6	7	3095
Blacks and Others 2/.....	37	-	-	-	-	-	-	-	-	-
Standard Federal Regions:										
Region I.....	77	64	20	5	6	3	1	1	1	393
Whites.....	75	65	18	5	6	3	1	1	1	383
Hispanics.....	0	0	0	0	0	0	0	0	0	0
Blacks and Others 2/.....	2	-	-	-	-	-	-	-	-	-
Region II.....	94	45	16	17	8	5	4	3	2	653
Whites.....	83	47	16	16	9	5	4	2	2	605
Hispanics 2/.....	3	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	3	-	-	-	-	-	-	-	-	-
Region III.....	110	55	8	15	7	6	6	2	1	453
Whites.....	97	52	9	16	7	6	7	2	1	479
Hispanics 2/.....	1	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	22	-	-	-	-	-	-	-	-	-
Region IV.....	670	55	14	12	9	4	3	1	2	457
Whites.....	389	61	13	10	6	4	3	1	2	412
Hispanics 2/.....	14	-	-	-	-	-	-	-	-	-
Blacks and Others.....	267	48	17	14	12	5	3	0	1	569
Region V.....	446	61	13	13	3	2	4	3	1	413
Whites.....	433	60	13	13	4	2	4	3	1	418
Hispanics 2/.....	9	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	5	-	-	-	-	-	-	-	-	-
Region VI.....	440	42	10	21	8	7	7	2	2	875
Whites.....	260	46	10	19	7	7	5	4	2	690
Hispanics.....	124	35	14	27	5	8	7	1	3	1056
Blacks and Others.....	56	40	3	18	19	6	13	0	0	1567
Region VII.....	249	56	10	15	4	6	4	4	2	450
Whites.....	240	56	10	15	4	7	3	3	2	444
Hispanics 2/.....	5	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	4	-	-	-	-	-	-	-	-	-
Region VIII.....	156	41	16	19	11	4	7	2	0	779
Whites.....	144	41	16	19	11	4	8	2	0	783
Hispanics 2/.....	8	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	4	-	-	-	-	-	-	-	-	-
Region IX.....	320	25	16	14	10	10	9	10	7	2000
Whites.....	151	35	17	14	5	4	5	14	6	944
Hispanics.....	145	15	13	14	14	18	12	6	8	3361
Blacks and Others 2/.....	25	-	-	-	-	-	-	-	-	-
Region X.....	204	57	15	17	3	1	3	4	0	439
Whites.....	192	55	16	17	3	1	3	4	0	453
Hispanics 2/.....	1	-	-	-	-	-	-	-	-	-
Blacks and Others 2/.....	11	-	-	-	-	-	-	-	-	-

1/ Includes operating a farm and unpaid family labor.

2/ Percentages and medians not shown where base is less than 50,000 persons.

Table A-15. Hired farmworkers who did both farm and nonfarm work: Percentage distribution of annual nonfarm earnings, by selected characteristics and regions, 1976

Selected characteristics	Number of workers	Total annual nonfarm earnings								
		Less than \$500	\$500-999	\$1,000-2,499	\$2,500-3,999	\$4,000-5,499	\$5,500-7,499	\$7,500-9,999	\$10,000 and over	Median earnings
	Thou.	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Dol.
ALL WORKERS.....	1191	30	13	22	7	8	5	6	0	1495
Ethnic group and sex:										
Whites.....	966	29	12	22	7	7	5	7	10	1619
Hispanics.....	60	39	15	25	9	7	4	0	0	847
Blacks and Others.....	125	28	20	24	7	13	2	3	4	1136
Males.....	920	26	12	22	7	9	6	7	11	1759
Whites.....	782	26	11	22	7	8	6	8	12	1877
Hispanics.....	60	36	15	26	11	7	5	0	0	870
Blacks and Others.....	78	23	13	26	7	17	3	5	4	1803
Females.....	271	40	18	23	6	4	3	3	2	774
Whites.....	203	40	15	23	3	3	4	4	2	834
Hispanics 1/.....	20	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	47	-	-	-	-	-	-	-	-	-
Primary employment status:										
Farmwork.....	160	38	19	29	3	4	0	2	7	124
Hired farmwork.....	137	41	22	27	4	2	0	0	0	711
Without nonfarm work..	0	0	0	0	0	0	0	0	0	0
With nonfarm work.....	137	41	22	27	4	2	0	0	0	711
Other farmwork 1/ 2/.....	24	-	-	-	-	-	-	-	-	-
Nonfarm work.....	458	3	5	18	11	17	11	13	22	5242
Unemployed 1/.....	32	-	-	-	-	-	-	-	-	-
Not in labor force.....	541	50	18	23	4	2	1	2	0	497
Keeping house.....	72	53	14	24	4	0	5	0	0	468
Attending school.....	420	52	19	23	2	2	1	1	1	425
Other 1/.....	45	-	-	-	-	-	-	-	-	-
Age:										
14-17 years.....	254	70	16	12	1	1	0	0	0	358
18-24 years.....	468	20	15	30	8	9	7	7	3	1754
25-34 years.....	233	12	8	20	10	9	6	12	24	4110
35-44 years.....	95	23	5	17	9	17	2	6	22	3359
45-54 years.....	57	21	6	20	14	7	10	4	17	2684
55-64 years 1/.....	47	-	-	-	-	-	-	-	-	-
65 years and over 1/.....	26	-	-	-	-	-	-	-	-	-
Duration of farmwork:										
Less than 25 days.....	637	28	12	20	6	9	6	8	11	1718
25-74 days.....	303	27	14	24	11	8	4	6	7	1575
75-149 days.....	124	32	16	21	3	7	5	3	7	1133
150-249 days.....	93	32	15	34	7	5	2	2	3	1150
250 days and over 1/.....	33	-	-	-	-	-	-	-	-	-
Household and migrant status:										
Household heads.....	516	13	7	20	10	13	7	11	19	3584
Migratory.....	57	12	6	26	9	17	3	4	23	3485
Nonmigratory.....	465	13	7	20	10	12	7	12	19	4637
Other household members.....	675	42	18	24	6	4	4	2	1	717
Migratory.....	55	25	19	35	2	6	5	3	1	1081
Nonmigratory.....	619	44	18	23	6	4	3	2	1	624

See footnotes at the end of table.

Continued

Table A-15. Hired farmworkers who did both farm and nonfarm work: Percentage distribution of annual nonfarm earnings, by selected characteristics and regions, 1976--Continued

Selected characteristics	Number of workers	Total annual nonfarm earnings								Median earnings
		Less than \$500	\$500-999	\$1,000-2,499	\$2,500-3,999	\$4,000-5,499	\$5,500-7,499	\$7,500-9,999	\$10,000 and over	
		Thou.	Percent	Percent	Percent	Percent	Percent	Percent	Dol.	
Four Census Regions:										
Northeast.....	94	33	20	26	1	12	6	4	3	924
Whites.....	65	33	16	22	2	13	7	5	1	981
Hispanics 1/.....	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	7	-	-	-	-	-	-	-	-	-
North Central.....	378	28	10	22	7	4	4	10	15	1800
Whites.....	369	28	11	21	7	4	4	10	15	1812
Hispanics 1/.....	4	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	6	-	-	-	-	-	-	-	-	-
South.....	457	32	14	23	7	10	5	4	6	1276
Whites.....	310	31	12	22	7	9	6	5	8	1453
Hispanics 1/.....	41	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	105	27	20	26	7	13	2	3	1	1184
West.....	262	27	13	22	11	9	6	4	8	1692
Whites.....	222	27	11	22	11	5	6	5	8	1805
Hispanics 1/.....	34	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	7	-	-	-	-	-	-	-	-	-
Standard Federal Regions:										
Region I 1/.....	39	-	-	-	-	-	-	-	-	-
Whites 1/.....	39	-	-	-	-	-	-	-	-	-
Hispanics 1/.....	0	0	0	0	0	0	0	0	0	0
Blacks and Others 1/.....	0	0	0	0	0	0	0	0	0	0
Region II 1/.....	33	-	-	-	-	-	-	-	-	-
Whites 1/.....	28	-	-	-	-	-	-	-	-	-
Hispanics 1/.....	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	3	-	-	-	-	-	-	-	-	-
Region III 1/.....	47	-	-	-	-	-	-	-	-	-
Whites 1/.....	38	-	-	-	-	-	-	-	-	-
Hispanics 1/.....	0	0	0	0	0	0	0	0	0	0
Blacks and Others 1/.....	9	-	-	-	-	-	-	-	-	-
Region IV.....	259	32	16	25	7	7	5	5	3	1119
Whites.....	169	36	14	23	6	5	6	6	4	1013
Hispanics 1/.....	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	88	25	19	29	8	11	2	4	2	1331
Region V.....	238	26	9	25	3	2	5	12	16	1965
Whites.....	235	26	9	24	5	2	5	12	16	1915
Hispanics 1/.....	1	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	3	-	-	-	-	-	-	-	-	-
Region VI.....	184	36	11	22	3	8	5	2	7	1201
Whites.....	128	28	11	24	9	9	6	3	10	1669
Hispanics 1/.....	45	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	12	-	-	-	-	-	-	-	-	-
Region VII.....	117	29	13	17	3	6	3	8	15	1700
Whites.....	114	29	13	17	9	6	3	8	14	1681
Hispanics 1/.....	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	1	-	-	-	-	-	-	-	-	-
Region VIII.....	60	35	9	21	11	9	2	6	6	1436
Whites.....	74	35	9	21	11	8	2	7	6	1407
Hispanics 1/.....	4	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	2	-	-	-	-	-	-	-	-	-
Region IX.....	97	22	13	20	6	14	7	3	8	1846
Whites.....	55	22	9	23	8	16	6	4	12	2220
Hispanics 1/.....	26	-	-	-	-	-	-	-	-	-
Blacks and Others 1/.....	5	-	-	-	-	-	-	-	-	-
Region X.....	98	25	16	19	14	5	8	4	8	1654
Whites.....	56	26	16	19	14	5	8	4	8	1758
Hispanics 1/.....	0	0	0	0	0	0	0	0	0	0
Blacks and Others 1/.....	2	-	-	-	-	-	-	-	-	-

1/ Percentages and medians not shown where base is less than 50,000 persons.

2/ Includes operating farm and unpaid family labor.

Table A-16. Migrant hired farmworkers: Number by distances traveled to perform farmwork and selected characteristics, 1976

Selected characteristics	Number of workers	Distance traveled ^{1/}				
		Less than 75 miles	75 to 499 miles	500 to 999 miles	1,000 or more miles	
		Thousands				
ALL WORKERS.....	213	47	77	26	63	
Ethnic group and sex:						
Whites.....	122	45	51	14	12	
Hispanics.....	77	2	22	5	47	
Blacks and Others.....	15	0	4	6	4	
Primary employment status:						
Farmwork.....	64	11	25	8	20	
Hired farmwork.....	63	11	24	8	20	
Without nonfarm work.....	50	7	22	7	14	
With nonfarm work.....	12	4	2	0	6	
Other farmwork ^{2/}	1	0	1	0	3	
Nonfarm work.....	50	16	11	8	15	
Unemployed.....	6	0	3	2	3	
Not in labor force.....	91	19	37	9	25	
Keeping house.....	16	3	5	3	7	
Attending school.....	68	17	31	5	16	
Other.....	5	0	3	0	2	
Sex and age:						
Males.....	151	35	57	18	41	
14-17 years.....	31	9	9	1	12	
18-24 years.....	58	17	29	4	6	
25-34 years.....	31	7	9	6	9	
35-44 years.....	17	2	1	7	7	
45-54 years.....	11	0	0	0	4	
55 years and over.....	4	0	3	0	2	
Females.....	62	12	19	8	22	
14-17 years.....	17	2	5	1	6	
18-24 years.....	22	8	4	5	4	
25-34 years.....	9	0	5	0	3	
35-44 years.....	7	0	1	0	6	
45-54 years.....	4	1	1	0	2	
55 years and over.....	3	0	1	2	0	
Household status:						
Household heads.....	83	22	27	15	19	
Other household members.....	130	25	49	11	45	
Duration of farmwork:						
Less than 25 days.....	66	17	26	8	16	
25-74 days.....	60	16	19	2	23	
75-149 days.....	53	6	18	11	18	
150-249 days.....	13	3	1	2	7	
250 days and over.....	21	5	13	3	0	
Earnings:						
Less than \$500.....	45	10	15	3	16	
\$500-999.....	19	5	4	2	8	
\$1,000-2,499.....	50	4	24	5	17	
\$2,500-3,999.....	38	7	14	5	12	
\$4,000-5,499.....	14	4	4	4	2	
\$5,500-7,499.....	17	7	5	2	4	
\$7,500-9,999.....	11	5	2	1	3	
\$10,000 and over.....	19	5	0	3	1	
Earnings from farmwork:						
Less than \$500.....	111	32	42	10	28	
\$500-999.....	21	4	8	3	7	
\$1,000-2,499.....	53	9	15	8	21	
\$2,500-3,999.....	21	2	9	5	5	
\$4,000-5,499.....	7	3	2	0	2	
\$5,500-7,499.....	7	0	5	2	0	
\$7,500-9,999.....	5	0	2	1	2	
\$10,000 and over.....	8	4	5	0	0	
Earnings from nonfarm work:						
Less than \$500.....	40	6	12	5	12	
\$500-999.....	23	4	0	0	10	
\$1,000-2,499.....	63	10	23	7	23	
\$2,500-3,999.....	16	6	4	4	1	
\$4,000-5,499.....	19	6	3	2	9	
\$5,500-7,499.....	19	7	7	3	2	
\$7,500-9,999.....	12	4	3	0	5	
\$10,000 and over.....	21	4	9	5	2	
Standard Federal Regions:						
Region I.....	1	0	0	0	1	
Region II.....	3	0	3	0	0	
Region III.....	12	5	1	2	3	
Region IV.....	25	7	9	1	7	
Region V.....	13	8	7	2	2	
Region VI.....	63	8	16	9	47	
Region VII.....	11	6	3	1	0	
Region VIII.....	19	6	3	3	2	
Region IX.....	31	2	21	7	2	
Region X.....	9	4	5	0	0	

^{1/} Distance traveled is the distance traveled by workers from the time they left their home-site until the time they reached the place that was the longest distance away from their home. Distance traveled does not include miles to return to home-site.

^{2/} Includes operating a farm and unpaid family labor.

APPENDIX B: SOURCE AND RELIABILITY OF ESTIMATES

Source of Data

The estimates in this report are based on data obtained in December 1976 from supplementary questions in the Current Population Survey (CPS) of the Bureau of the Census.

The CPS sample was initially selected from 1970 Census files and is updated continuously to reflect new home construction. This sample includes 616 areas comprising 1,113 counties and independent cities in each State and the District of Columbia. ^{1/}Information is collected by trained interviewers from approximately 54,000 U.S. households each month. ^{2/}

The supplementary questions on the December survey were asked of persons 14 years of age or older who performed farmwork for wages or salary during 1976. Questions concerned the number of days of farmwork for wage or salary, migratory status, hired nonfarm work and wages, principal employment status in 1976, residence, and other matters. Not included were persons performing hired farmwork during 1976 but who died, entered the Armed Forces, or were no longer in the civilian noninstitutional population for other reasons. Also, foreign nationals who did hired farmwork in this country and returned to their homes before the field collection were not included.

The estimating procedure used for the CPS data involves the expansion of the weighted sample results to independent estimates of the U.S. civilian noninstitutional population by age, race, and sex. These independent estimates are based on statistics from the 1970 Census of Population; statistics on births, deaths, immigration and emigration; and statistics on the number of people in the Armed Forces.

^{1/}The survey does not include Puerto Rico or other territories or possessions of the United States.

^{2/}For a detailed explanation of the CPS sampling procedures, see U.S. Bureau of the Census, The Current Population Survey--A Report on Methodology. Paper 7, U.S. Government Printing Office, 1963.

Reliability of the Estimates

Since the CPS estimates in this report are based on a sample, they may differ somewhat from the figures that would have been obtained from a complete census even if it had been taken using the same schedules, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey--sampling and nonsampling. Sampling standard errors are provided for data in this report, but the extent of nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates.

Nonsampling Variability

As in any survey work, results are subject to errors of response and nonreporting in addition to sampling variability. Nonsampling errors can be attributed to many sources (for instance, inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness to provide correct information on the part of respondents, inability of respondents to recall information, mistakes made in collection such as in recording or coding the data, mistakes made in processing data, mistakes made in estimating values for missing data, and failure to represent all units in the sample).

Sampling Variability

Since the size of most nonsampling errors is unknown, the reliability of an estimate is described only in terms of standard errors. These are primarily measures of sampling variability, that is, of the variations that might occur by chance because a sample, rather than the whole of the population, is surveyed. As calculated for this report, the standard error also partially measures the effect of certain response and enumeration errors, but it does not

measure any systematic biases in the data. The chances are about 68 out of 100 that an estimate from the sample would differ from a complete census figure by less than the standard error. The chances are about 90 out of 100 that this difference would be less than 1.6 times the standard error, and the chances are about 95 out of 100 that the difference would be less than twice the standard error.

Comparability With Other Data

Data obtained from the CPS are not entirely comparable with data obtained from other governmental sources. This is due in large part to differences in survey processes. Therefore, caution should be used when comparing data in this report with data from other sources.

Standard Error Tables and Their Use

The figures presented in appendix tables B-1 through B-5 provide approximations of standard errors of various estimates shown in this report for data on total, White, or Black and Other hired farmworkers. To obtain standard errors for workers of Hispanic origin, multiply the standard errors in appendix tables B-1 through B-5 by 1.6.

Standard errors for values not shown in the standard errors tables may be approximated by interpolation. To derive standard errors that would be applicable to a wide variety of items and could be prepared at a moderate cost, a number of approximations were required. As a result, the tables of standard errors (along with the factor for persons of Hispanic origin) provide an indication of the size of the standard errors rather than the precise standard error for any specific item.

Standard Errors of Estimated Numbers

Appendix table B-1 shows standard errors, σ_x , for estimated number of hired farmworkers. Linear interpolation may be used to obtain standard errors for intermediate values not shown in the tables.

Appendix table B-1. Standard errors for estimated numbers of hired farmworkers

(68 chances out of 100)	
<u>Size of estimate</u>	<u>Standard error</u>
25,000.....	9,000
50,000.....	13,000
100,000.....	18,000
250,000.....	29,000
500,000.....	43,000
1,000,000.....	65,000
2,500,000.....	121,000
3,000,000.....	139,000

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Alternatively, standard errors can be calculated using the following formula (1) which was used to compute the tabular standard errors. Direct computation will give more accurate results than linear interpolation.

$$\sigma_x = c\sqrt{ax^2 + bx} \quad (1)$$

Here x is the actual size of the estimate (not rounded to thousands): a is 0.001128; b is 3072.5806; and c is 1.0 for total, White, or Black and Other persons and 1.6 for persons of Hispanic origin. Formula (1) is used to calculate standard errors for estimated numbers of hired farmworkers only.

Standard Errors of Estimated Percentages

Appendix table B-2 shows standard errors of estimated percentages of hired farmworkers. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends on both the size of the percentage and the size of the total on which the percentage was based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. Linear interpolation may be used to obtain standard errors for inter-

mediate values of the percentages and the base of the percentage shown in appendix table B-2. Or standard errors, $\sigma(x,p)$ can be calculated using formula (2). Direct computation will give more accurate results than linear interpolation.

$$\sigma(x,p) = c\sqrt{\frac{b}{x} p (100-p)} \quad (2)$$

Here x is the actual size (not rounded to thousands) of the subclass of the population which is the base of the percentage; p is the percentage ($0 < p \leq 100$); b is 3072.5806; and c is 1.0 for total, White, or Black and Other persons and 1.6 for persons of Hispanic origin. Formula (2) is used to calculate standard errors for estimated percentages of hired farmworkers only.

Standard Errors of Estimated Averages

Averages are subject to large sampling variability since the sample estimates of an average are affected by extreme values. Appendix table B-3 shows standard errors of average number of days of hired farmwork. Appendix table B-4 shows standard errors of average annual earnings. Appendix table B-5 shows standard errors of average daily earnings. Linear interpolation may be used to obtain standard errors for intermediate values not shown.

Illustration of Use of Standard Error Tables

Table 1 of this report shows 2,767,000 persons who performed hired farmwork in 1976. Interpolation of data in appendix table B-1 shows the standard error for an estimate of this size to be approximately 131,000. Thus, the chances are 68 out of 100 that the estimate would have been a figure differing from a complete census figure by less than 131,000. The chances are 95 out of 100 that the estimate would have differed from a complete census figure by less than 262,000 (twice the standard error).

Table 1 also shows 41 percent of the farmworkers worked fewer than 25 days. Interpolation in appendix table B-2 indicates the standard error for

41 percent of a base of 2,767,000 would be approximately 1.6 percent. Consequently, chances are 68 out of 100 that the estimated 41 percent would have differed from a complete census figure by less than 1.6 percent; chances are 95 out of 100 that the estimate would have differed from a complete census figure by less than 3.2 percent. For example, the 95 percent confidence interval would be from 37.8 to 44.2 percent.

Standard Error of a Difference

For a difference between two sample estimates, the standard error is approximately equal to the square root of the sum of the squared standard errors of the estimates. The estimate can be of numbers, percentages, averages, etc. This method will represent the actual standard error quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error.

Illustration of the Computation of the Standard Error of a Difference

Appendix table A-5 shows that 12 percent of farmworkers worked 250 days and over. The apparent differences between the workers who worked less than 25 days (41 percent) and those who worked 250 days and over is 29 percentage points.

Appendix table B-2 shows, by interpolation, the standard error for 12 percent on a base of 2,767,000 to be approximately 1 percent (σ_x). The standard error for 41 percent is 3.2 percent (σ_y). To get the standard error of the estimated difference, formula (3) for the standard error of a difference is used as follows:

$$\sigma(x-y) = \sqrt{\sigma_x^2 + \sigma_y^2} \quad (3)$$

Therefore, the standard error of the estimated difference is

Appendix table B-2. Standard errors of percentages
of hired farmworkers

(68 chances out of 100)									
Estimated percentage	Base of percentage in thousands								
	25	50	100	250	500	1,000	2,500	3,000	
	Percent								
2 or 98...	4.9	3.5	2.4	1.6	1.1	0.8	0.5	0.4	
5 or 95...	7.6	5.4	3.8	2.4	1.7	1.2	0.8	0.7	
10 or 90...	10.5	7.4	5.3	3.3	2.4	1.7	1.1	1.0	
15 or 85...	12.5	8.9	6.3	4.0	2.8	2.0	1.3	1.1	
20 or 80...	14.0	9.9	7.0	4.4	3.1	2.2	1.4	1.3	
25 or 75...	15.2	10.7	7.6	4.8	3.4	2.4	1.5	1.4	
35 or 65...	16.7	11.8	8.4	5.3	3.7	2.6	1.7	1.5	
50.....	17.5	12.4	8.8	5.5	3.9	2.8	1.8	1.6	

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Appendix table B-3. Standard errors of average number
of days of hired farmwork

(68 chances out of 100)								
Average number of days of hired farmwork per year per worker	Base of average in thousands of hired farmworkers							
	50	100	250	500	1,000	2,500	3,000	
	Number							
10.....	1.2	1.0	0.7	0.5	0.4	0.3	0.2	
25.....	3.5	3.1	2.2	1.5	1.3	0.9	0.7	
50.....	10.2	7.2	5.7	4.0	3.4	2.3	2.0	
100.....	19.2	13.6	9.6	6.8	5.0	3.3	2.9	
150.....	19.7	14.0	9.5	6.8	3.6	2.4	2.1	
200.....	15.5	11.0	7.0	5.0	3.0	2.0	1.7	
250.....	11.3	8.0	5.0	3.5	1.3	0.9	0.7	
300.....	7.1	5.0	3.0	2.0	0.8	0.5	0.4	

Note: Appendix table B-3 pertains to averages computed from distributions allowed to vary over the entire range of days worked. Standard errors for truncated distributions (e.g., workers with less than 25 days of hired farmwork) are somewhat smaller.

To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Appendix table B-4. Standard errors of average annual earnings from hired farmwork

(68 chances out of 100)							
Average earnings from hired farm- work per year per worker	Base of average in thousands of hired farmworkers						
	50	100	250	500	1,000	2,500	3,000
	<u>Dollars</u>						
\$ 150.....	31	22	14	10	9	6	5
250.....	58	41	26	19	16	11	10
500.....	118	84	53	41	35	23	21
750.....	178	126	80	64	54	36	33
1,000.....	219	155	98	85	68	45	41
2,000.....	314	223	141	132	96	64	58
3,000.....	331	235	149	138	99	66	60
4,000.....	340	241	153	141	100	67	61
5,000.....	344	244	155	142	100	67	61
6,000.....	346	245	156	142	100	67	61

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Appendix table B-5. Standard errors of average daily earnings from hired farmwork

(68 chances out of 100)							
Average earnings from hired farm- work per day per worker	Base of average in thousands of hired farmworkers						
	50	100	250	500	1,000	2,500	3,000
	<u>Dollars</u>						
\$ 5.00.....	.60	.42	.27	.19	.14	.09	.08
7.00.....	1.13	.81	.51	.36	.26	.17	.15
9.00.....	1.46	1.04	.66	.50	.35	.23	.20
11.00.....	1.52	1.08	.68	.53	.43	.28	.25
13.00.....	1.54	1.09	.69	.55	.47	.31	.27
15.00.....	1.57	1.11	.71	.56	.50	.33	.29
17.00.....	1.59	1.13	.73	.57	.52	.34	.30
19.00.....	1.61	1.15	.75	.59	.53	.35	.31
21.00.....	1.62	1.16	.76	.60	.54	.36	.31

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

$$3.4 = \sqrt{(1)^2 + (3.2)^2}$$

This means the chances are 68 out of 100 that the estimated difference based on the sample would vary by 3.4 percentage points from the difference derived using complete census figures. Since the standard error of the estimated difference (3.4 percentage

points) is less than the difference between the two estimates (29 percentage points), it can be concluded with 68 percent confidence that the percentage of hired farmworkers who worked less than 25 days in 1976 is greater than the percentage of workers who worked 250 days and over in 1976.

APPENDIX C. DEFINITIONS AND EXPLANATIONS

Hired Farmworkers: Persons 14 years old and over in the civilian noninstitutional population of the United States at the time of the survey who did any farmwork for cash wages or salary at any time in the year, even if only for 1 day.

Farmwork for Cash Wages or Salary: 1. Work done on any farm for cash wages or salary in connection with the production, harvesting, threshing, preparation for market, or delivery to market of agricultural products; 2. work done off the farm for a farmer by farmworkers, such as trips to town to buy feed, seeds, or fertilizer, or to handle other matters involved in running the farm business; 3. repairs of farm buildings, machinery, etc., performed by a hired farmworker when done along with the type of work specified in (1) and (2) above; and 4. managing a farm enterprise for cash salary.

Not included as farmwork for cash wages or salary are: 1. work performed by farm operators on their own farms, or "exchange" work between farmers; 2. work done exclusively for "pay in kind", 3. work done without pay on a family farm by a member of the farm operator's family (a small regular cash allowance is not considered as farm wages); 4. nonfarm work performed on a farm, such as the building of a farm structure, drilling a well, hauling agricultural products to market by commercial truckers, or domestic service in the home of a farmer; and 5. custom work, such as spraying, threshing, combining, etc., when a person is paid a combined rate for the use of equipment and labor.

Worker Classification:

Casual workers--persons who worked less than 25 days at farmwork. Seasonal workers--persons who worked 25-149 days.

Regular workers--persons who worked 150-249 days.

Year-round workers--persons who worked 250 days or more.

(This report's use of the terms "seasonal" and "regular" differs from that in the Census of Agriculture, where "seasonal workers" refers to persons employed on one farm for less than 150 days during the year, and "regular workers" to those employed on one farm for 150 days or more during the year.)

Days of Hired Farm or Nonfarm Work:

Days on which any hired farm or nonfarm work was reported. The work may have been for all or only part of a day.

Earnings from Farm or Nonfarm Work:

Total cash wages or salary received for farmwork or for nonfarm work. Estimates of earnings do not include the value of perquisites received in connection with farmwork nor the value of fringe benefits received in connection with nonfarm work.

Principal Employment Status (termed

"chief activity" in previous reports): Information on the principal employment status of hired farmworkers during the year was derived from the question, "What was ... doing most of 1976--working, keeping house, going to school, or something else?" If the initial response was "working", the

kind of work the person was doing most of the year was determined. Hired farmwork was recorded if most of a person's work was farmwork for cash wages or salary. Operating a farm was recorded if most of a person's working time was spent operating a farm (as a tenant, owner, or sharecropper). Nonfarm work was recorded if most of a person's working time was spent operating a nonfarm business in a profession, working without pay in a family nonfarm business, or working for pay (or pay in kind) in any nonfarm activity (such as manufacturing, trade, construction, domestic services, etc.). For the person who did not report "working" as the primary activity, information was obtained on what he or she was doing most of the year. Looking for work (unemployed) was reported for a person who spent most of the time without employment, but was actively looking for a job. Keeping house was reported for a person who spent most of the time doing his or her own housework. Going to school was reported for a person who spent most of the time during the year going to school. The category "other" was reported for a person who spent most of the time at some activity other than those named above.

Migratory Status: Migratory workers are, those who 1) left their home temporarily overnight to do hired farmwork in a different county within the same State or in a different State with the expectation of eventually returning home, or 2) had no usual place of residence, and did hired farmwork in two or more counties during the year. Nonmigratory workers are those who 1) did all their hired farmwork for the year in the same county in which they lived, 2) made a permanent move from one county to another during the year (even if they did hired farmwork in both counties), or 3) commuted daily across the county or State line to work and returned home each night.

Distance Traveled: The distance traveled to perform hired farmwork was determined by asking the respondent "What was the longest distance away

from home that traveled while doing farm work for cash wages?" Interviewers were instructed to record the mileage traveled by the workers from the time they left their home-site until the time they reached the place that was the longest distance away from home. Distance traveled does not include miles to return to home-site.

Age: The age classification was based on the person's age at his or her last birthday.

Education Completed: Data on education completed in this report were derived from the combination of answers to questions concerning the highest grade of school attended by the person and whether or not that grade was finished. Questions on educational attainment apply only to progress in "regular" schools. Such schools include graded public, private, and parochial elementary, and high schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or a high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools was counted only if the credits obtained were regarded as transferable to a school in the regular school system.

Racial/Ethnic Group: Refers to division of the population into three mutually exclusive groups--White, Hispanic, and Blacks and Others. "Ethnic origin" was determined for this report on the basis of a question that asked respondents their origin or descent. The answers to this question may produce results somewhat different from results based on inferred ethnic identification using such characteristics as country of birth of the person or his parents, language spoken in the home, or surname. Hispanic includes all those who identified themselves as Mexican American, Chicano, Mexican, Mexicano, Puerto Rican, Cuban, Central or South American, or other Hispanic. White refers to White persons other than those of Hispanic origin. Black and Other includes Blacks and Other groups such

as Indians, Chinese, Japanese, and others not of Hispanic origin. For simplicity of presentation, these groups are termed White, Hispanic and Black and Others.

Region: Hired farmworker information is presented in the report by two different regional aggregations of States: 1. the four Census regions and 2. the ten Standard Federal Regions.

States included in each of the four Census regions are as follows:

Northeast-- Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, and New Jersey; North Central--Ohio, Indiana, Illinois, Wisconsin, Michigan, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; South--Maryland, Delaware, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas; and West--Montana, Wyoming, Idaho, Colorado, New Mexico, Utah, Arizona, Nevada, Washington, Oregon, California, Hawaii, and Alaska.

The States included in each of the ten Standard Federal Regions are as follows:

Region I
Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

Region II
New Jersey
New York

Region III
Delaware
District of
Columbia
Maryland
Pennsylvania
Virginia
West Virginia

Region IV
Alabama
Florida
Georgia
Kentucky
Mississippi
North Carolina
South Carolina
Tennessee

Region V
Illinois
Indiana
Michigan
Minnesota
Ohio
Wisconsin

Region VI
Arkansas
Louisiana
New Mexico
Oklahoma
Texas

Region VII
Iowa
Kansas
Missouri
Nebraska

Region VIII
Colorado
Montana
North Dakota
South Dakota
Utah
Wyoming

Region IX
Arizona
California
Hawaii
Nevada

Region X
Alaska
Idaho
Oregon
Washington

Residence: Residence is determined on the basis of the classification of the place in which the worker lived at the time of the survey. In the CPS, hired farmworkers were classified as living on farms (farm residents) if they lived in a rural territory on places of 10 or more acres of land from which at least \$50 worth of agricultural products were sold in the reporting year. Also, included as farm residents are persons who lived on places of less than 10 acres if as much as \$250 worth of agricultural products were sold from the place in the reporting year. Nonfarm-resident workers lived in urban places, rural towns or villages, or in the open country on places that did not meet the criteria for farm classification.